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ESTIMATES OF APPROPRIATIONS

— FOR THE —

DEPARTMENT OF AGRICULTURE

REQUIRED FOR THE SERVICE OF THE
FISCAL YEAR ENDING JUNE 30

1916

PREPARED FOR THE USE OF THE COMMITTEE

NOTE.—Matter or items which appeared in the last appropriation act, and proposed to be omitted from these estimates, inclosed in heavy brackets, thus **[]**.
New or substituted matter printed in italics.

I N D E X

	Page.
Office of the Secretary.....	5
Weather Bureau.....	14
Bureau of Animal Industry.....	26
Bureau of Plant Industry.....	39
Forest Service.....	72
Bureau of Chemistry.....	104
Bureau of Soils.....	115
Bureau of Entomology.....	120
Bureau of Biological Survey.....	129
Division of Accounts and Disbursements.....	136
Division of Publications.....	136
Bureau of Crop Estimates.....	140
Library.....	143
Miscellaneous expenses, Department of Agriculture.....	145
Rent in the District of Columbia.....	146
States Relations Service.....	147
Office of Public Roads and Rural Engineering.....	158
Office of Markets and Rural Organization.....	168
Miscellaneous appropriations.....	175
Permanent annual appropriations.....	193
Printing and binding (sundry civil bill).....	197

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UNITED STATES DEPARTMENT OF AGRICULTURE.

COMPARISON OF ESTIMATES OF APPROPRIATIONS FOR 1916 WITH APPROPRIATIONS MADE FOR 1915.

Titles of appropriations.	Total of appropriations for 1915.	Total of estimates for 1916.	Increase.	Decrease.
OFFICE OF THE SECRETARY.				
Statutory salaries, Secretary's Office.....	\$339, 880. 00	\$354, 280. 00	\$14, 400. 00	.....
Statutory salaries, Office of Farm Management.....		36, 080. 00	36, 080. 00	.....
General expenses, Office of Farm Management.....		245, 000. 00	245, 000. 00	.....
A net increase of \$295,480.	339, 880. 00	635, 360. 00		
WEATHER BUREAU.				
Statutory salaries.....	327, 270. 00	324, 640. 00	.....	\$2, 630. 00
General expenses.....	1, 340, 000. 00	1, 379, 110. 00	39, 110. 00	.....
A net increase of \$36,480.	1, 667, 270. 00	1, 703, 750. 00		
BUREAU OF ANIMAL INDUSTRY.				
Statutory salaries.....	347, 030. 00	353, 630. 00	6, 600. 00	.....
General expenses.....	1, 597, 996. 00	1, 637, 746. 00	39, 750. 00	.....
Meat inspection.....	375, 000. 00	375, 000. 00	.....	.....
A net increase of \$46,350.	2, 320, 026. 00	2, 366, 376. 00		
BUREAU OF PLANT INDUSTRY.				
Statutory salaries.....	478, 170. 00	429, 430. 00	.....	48, 740. 00
General expenses.....	2, 880, 875. 00	1, 573, 275. 00	.....	1, 307, 600. 00
Purchase and distribution of seeds.....	257, 000. 00	252, 540. 00	.....	4, 460. 00
A net decrease of \$1,360,800.	3, 616, 045. 00	2, 255, 245. 00		
FOREST SERVICE.				
Statutory salaries.....	2, 305, 160. 00	2, 335, 580. 00	30, 420. 00	.....
General expenses.....	3, 243, 096. 00	3, 212, 676. 00	.....	30, 420. 00
No change.	5, 548, 256. 00	5, 548, 256. 00		
BUREAU OF CHEMISTRY.				
Statutory salaries.....	282, 600. 00	291, 540. 00	8, 940. 00	.....
General expenses.....	150, 680. 00	164, 080. 00	13, 400. 00	.....
Food and drugs act.....	644, 301. 00	645, 161. 00	860. 00	.....
A net increase of \$23,200.	1, 077, 581. 00	1, 100, 781. 00		
BUREAU OF SOILS.				
Statutory salaries.....	60, 820. 00	62, 420. 00	1, 600. 00	.....
General expenses.....	299, 815. 00	298, 215. 00	.....	1, 600. 00
No change.	360, 635. 00	360, 635. 00		
BUREAU OF ENTOMOLOGY.				
Statutory salaries.....	69, 050. 00	69, 050. 00	.....	.....
General expenses.....	450, 370. 00	460, 370. 00	10, 000. 00	.....
Preventing spread of moths.....	310, 000. 00	310, 000. 00	.....	.....
A net increase of \$10,000.	829, 420. 00	839, 420. 00		
BUREAU OF BIOLOGICAL SURVEY.				
Statutory salaries.....	32, 790. 00	34, 470. 00	1, 680. 00	.....
General expenses.....	248, 500. 00	236, 820. 00	.....	11, 680. 00
A net decrease of \$10,000.	281, 290. 00	271, 290. 00		

Comparison of estimates of appropriations for 1916 with appropriations made for 1915—Continued.

Titles of appropriations.	Total of appropriations for 1915.	Total of estimates for 1916.	Increase.	Decrease.
DIVISION OF ACCOUNTS AND DISBURSEMENTS.				
Statutory salaries.....	\$46, 320. 00	\$44, 920. 00		\$1, 400. 00
A net decrease of \$1,400.				
DIVISION OF PUBLICATIONS.				
Statutory salaries.....	170, 750. 00	174, 750. 00	\$4, 000. 00	
General expenses.....	18, 750. 00	18, 750. 00		
A net increase of \$4,000.	189, 500. 00	193, 500. 00		
BUREAU OF CROP ESTIMATES.				
Statutory salaries.....	115, 580. 00	116, 780. 00	1, 200. 00	
General expenses.....	160, 000. 00	174, 656. 00	14, 656. 00	
A net increase of \$15,856.	275, 580. 00	291, 436. 00		
LIBRARY.				
Statutory salaries.....	27, 860. 00	29, 720. 00	1, 860. 00	
General expenses.....	17, 500. 00	17, 500. 00		
A net increase of \$1,860.	45, 360. 00	47, 220. 00		
Miscellaneous expenses, Department of Agriculture	110, 000. 00	115, 000. 00	5, 000. 00	
Rent in the District of Columbia.....	108, 329. 00	123, 689. 00	15, 360. 00	
STATES RELATIONS SERVICE.				
Statutory salaries.....	68, 840. 00	103, 140. 00	34, 300. 00	
General expenses.....	1, 633, 500. 00	2, 718, 700. 00	1, 085, 200. 00	
Nutrition investigations.....	25, 760. 00			25, 760. 00
Irrigation investigations.....	106, 400. 00			106, 400. 00
Drainage investigations.....	96, 280. 00			96, 280. 00
A net increase of \$891,060.	1, 930, 780. 00	2, 821, 840. 00		
OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING.				
Statutory salaries.....	52, 500. 00	75, 960. 00	23, 460. 00	
General expenses.....	300, 060. 00	597, 700. 00	297, 640. 00	
A net increase of \$321,100.	352, 560. 00	673, 660. 00		
OFFICE OF MARKETS AND RURAL ORGANIZATION.				
Statutory salaries.....		51, 120. 00	51, 120. 00	
General expenses.....		376, 595. 00	376, 595. 00	
United States cotton futures act.....		125, 640. 00	125, 640. 00	
A net increase of \$553,355.		553, 355. 00		
MISCELLANEOUS.				
Enforcement of the insecticide act.....	95, 000. 00	107, 780. 00	12, 780. 00	
Fighting forest fires.....	100, 000. 00	200, 000. 00	100, 000. 00	
Enforcement of plant quarantine act.....	50, 000. 00	50, 000. 00		
Domestic potato quarantine.....	50, 000. 00	100, 000. 00	50, 000. 00	
Marketing and distributing farm products.....	200, 000. 00			200, 000. 00
Demonstrations on reclamation projects.....	40, 000. 00	50, 000. 00	10, 000. 00	
International Dry Farming Congress, Wichita, Kans.....	20, 000. 00			20, 000. 00
Cooperative fire protection.....	100, 000. 00	100, 000. 00		
Experiments and demonstrations in live-stock production in the cane-sugar and cotton districts.....	60, 000. 00	60, 000. 00		
Experiments and demonstrations in dairying in sugar-cane, cotton, and semiarid districts.....		87, 500. 00	87, 500. 00	
Rural credits.....	40, 000. 00			40, 000. 00
Naval-stores investigations.....	5, 000. 00	5, 000. 00		
Maps and reports of kelp beds on Pacific coast.....	7, 000. 00			7, 000. 00
	767, 000. 00	760, 280. 00		
Total agricultural bill.....	19, 865, 832. 00	20, 706, 013. 00	2, 744, 151. 00	1, 903, 970. 00
Net increase in agricultural bill, \$840,181; about 4 per cent.				
Permanent annual appropriations.....	6, 474, 602. 55	5, 094, 400. 00		1, 380, 202. 55
Printing and binding (sundry civil).....	500, 000. 00	500, 000. 00		
Total of all appropriations for the Department of Agriculture.....	26, 840, 434. 55	26, 300, 413. 00	2, 744, 151. 00	3, 284, 172. 55



Table showing relocation of lines of work under the plan of reorganization as proposed in the Estimates of Appropriations for the fiscal year ending June 30, 1916.

Lines of work.	From—	To—
Office of Farm Management.	Bureau of Plant Industry.	Secretary's Office and made a unit thereof.
Poisonous plant investigations.	Bureau of Plant Industry.	Bureau of Animal Industry.
Soil fertility investigations.	Bureau of Soils.	Bureau of Plant Industry.
Farm credit and farm insurance investigations.	Bureau of Plant Industry.	Office of Markets and Rural Organization.
Farm demonstration work in the North and South.	Bureau of Plant Industry.	Office of Experiment Stations, the name of which has been changed to States Relations Service.
Irrigation and drainage investigations.	Office of Experiment Stations.	Office of Public Roads, the name of which has been changed to Office of Public Roads and Rural Engineering.
Rural architecture work.	Bureau of Plant Industry.	Office of Public Roads, the name of which has been changed to Office of Public Roads and Rural Engineering.
Investigation of duck diseases.	Bureau of Biological Survey.	Bureau of Animal Industry.
Farm home management work.	Bureau of Plant Industry.	Office of Experiment Stations, the name of which has been changed to States Relations Service.
Market milk investigations.	Bureau of Animal Industry.	Office of Markets and Rural Organization.
Wood distillation work.	Bureau of Chemistry.	Forest Service.

NOTE.—In addition, the poultry and egg investigations of the Bureau of Animal Industry and the Bureau of Chemistry are closely coordinated with those conducted in the Office of Markets and Rural Organization, and new language has been inserted in the estimates of the Bureau of Chemistry to provide for cooperation.

For further explanations in regard to the reorganization of work in the department, attention is invited to the report of the Secretary of Agriculture for 1914, pages 44 to 47.

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ESTIMATES OF APPROPRIATIONS REQUIRED FOR THE SERVICE OF THE FISCAL YEAR ENDING JUNE 30, 1916.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
DEPARTMENT OF AGRICULTURE.		
NOTE.—In the following estimates for the Department of Agriculture new matter has been indicated by means of <i>italics</i> , and matter to be dropped has been inclosed in brackets.		
OFFICE OF THE SECRETARY.		
<i>Salaries, Office of the Secretary of Agriculture—</i>		
(1) Secretary of Agriculture (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; June 30, 1914, vol. 38, pp. 415, 416, sec. 1</i>) -----	\$12, 000. 00	
(2) Assistant Secretary of Agriculture (<i>same acts</i>) -----	5, 000. 00	
(3) Solicitor (<i>same acts</i>) -----	5, 000. 00	
(4) Chief clerk, \$3,000, and \$500 additional as custodian of buildings (<i>same acts</i>) -----	3, 500. 00	
(5) Private secretary to the Secretary of Agriculture (<i>same acts</i>) -----	2, 500. 00	
(6) Stenographer and executive clerk to the Secretary of Agriculture (<i>same acts</i>) -----	2, 250. 00	
(7) One appointment clerk (<i>same acts</i>) -----	2, 000. 00	
(8) One chief, supply division (<i>same acts</i>) -----	2, 000. 00	
(9) One inspector (<i>same acts</i>) -----	2, 750. 00	
(10) One law clerk (<i>same acts</i>) -----	3, 250. 00	
(11) One law clerk (<i>same acts</i>) -----	3, 000. 00	
(12) Three law clerks, at \$2,500 each (<i>same acts</i>) -----	7, 500. 00	
(13) Nine law clerks, at \$2,250 each (<i>same acts</i>) -----	20, 250. 00	
(14) One law clerk (<i>same acts</i>) -----	2, 200. 00	
(15) Six law clerks, at \$2,000 each (<i>same acts</i>) -----	12, 000. 00	
(16) Three law clerks, at \$1,800 each (<i>same acts</i>) -----	5, 400. 00	
(17) Three law clerks, at \$1,600 each (<i>same acts</i>) -----	4, 800. 00	
(18) One expert on exhibits (<i>same acts</i>) -----	3, 000. 00	
(19) One telegraph and telephone operator (<i>same acts</i>) -----	1, 600. 00	
(20) One assistant chief clerk and captain of the watch (in lieu of 1 clerk of class 4, as below) (<i>same acts</i>) -----	1, 800. 00	
NOTE.—This covers a change of one clerk, class 4, to assistant chief clerk and captain of the watch. A clerk of class 4 has been performing the duties of this position for some years and it is felt that his title should be changed so as to better describe the duties performed. There is no increase of money.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
(21) Three clerks, class 4 (decrease of 1, as above) (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; June 30, 1914, vol. 38, pp. 415, 416, sec. 1</i>	\$5,400.00	
(22) Ten clerks, class 3 (<i>same acts</i>)	16,000.00	
(23) Thirteen clerks, class 2 (increase of 1 by transfer from statutory roll of Division of Accounts and Disbursements) (<i>same acts</i>)	18,200.00	
(24) Twenty-one clerks, class 1 (increase of 1 by transfer from lump fund for Bureau of Chemistry and decrease of 1 by transfer to statutory roll of Bureau of Crop Estimates, making no change in the number of places in this grade) (<i>same acts</i>)	25,200.00	
(25) One auditor (<i>same acts</i>)	2,000.00	
(26) One accountant and bookkeeper (<i>same acts</i>)	2,000.00	
(27) Seven clerks, at \$1,000 each (decrease of 1 by transfer to statutory roll of Division of Publications) (<i>same acts</i>)	7,000.00	
(28) Eight clerks, at \$900 each (<i>same acts</i>)	7,200.00	
(29) One clerk (<i>same acts</i>)	840.00	
(30) Fifteen messengers or laborers, at \$840 each (<i>same acts</i>)	12,600.00	
(31) Eleven assistant messengers or laborers, at \$720 each (<i>same acts</i>) ..	7,920.00	
(32) One chief engineer (<i>same acts</i>)	2,000.00	
(33) One assistant chief engineer (<i>same acts</i>)	1,400.00	
(34) One assistant engineer (<i>same acts</i>)	1,200.00	
(35) Two assistant engineers, at \$1,000 each (<i>same acts</i>)	2,000.00	
(36) Eight firemen, at \$720 each (<i>same acts</i>)	5,760.00	
(37) Ten elevator conductors, at \$720 each (increase of 2 submitted) (<i>same acts</i>)	7,200.00	
NOTE.—These two additional employees are needed for a new building now under construction and which will be occupied by branches of the department after the 1st of December of this year. This is a large building of eight floors and it is necessary to keep two elevators running during the daytime.		
(38) One construction inspector (<i>same acts</i>)	1,400.00	
(39) One superintendent of shops (by transfer from lump fund emergency roll of Secretary's office, which roll has not been correspondingly reduced) (<i>same acts</i>)	1,400.00	
NOTE.—This employee has been transferred from the lump fund emergency roll of the Secretary's office, but the appropriation has not been correspondingly reduced as it is very small and the full amount of the appropriation will be needed next year for temporary emergency employments.		
(40) One cabinet-shop foreman (<i>same acts</i>)	1,200.00	
(41) Four cabinetmakers or carpenters, at \$1,200 each (<i>same acts</i>)	4,800.00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
(43) Nine cabinetmakers or carpenters, at \$1,020 each (increase of 1 by transfer from lump fund emergency roll of Secretary's office, which roll has not been correspondingly reduced) (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; June 30, 1914, vol. 38, pp. 415, 416, sec. 1</i>)	\$9, 180. 00	
NOTE.—This additional employee has been transferred from the lump fund emergency roll of the Secretary's office, but the appropriation has not been correspondingly reduced as it is very small and the full amount of the appropriation will be needed next year for temporary emergency employments.		
(44) Three cabinetmakers or carpenters, at \$900 each (increase of 1 by transfer of 1 skilled laborer, at \$900, from statutory roll of Bureau of Animal Industry, with change of title) (<i>same acts</i>) ..	2, 700. 00	
(45) One electrician (<i>same acts</i>)	1, 100. 00	
(46) One electrical wireman (<i>same acts</i>)	1, 000. 00	
(47) One electrical wireman (<i>same acts</i>)	900. 00	
(48) Three electrician's helpers, at \$720 each (increase of 1 submitted) (<i>same acts</i>)	2, 160. 00	
NOTE.—This additional employee is needed to carry on a large increase in electrical work throughout the department. At the present time it is necessary to almost continuously carry temporary electrician's helpers to keep up the work.		
(49) Two painters, at \$1,000 each (<i>same acts</i>)	2, 000. 00	
(50) Four painters, at \$900 each (increase of 2 by transfer from lump fund emergency roll of Secretary's office, which roll has not been correspondingly reduced) (<i>same acts</i>)	3, 600. 00	
NOTE.—These two additional employees have been transferred from the lump fund emergency roll of the Secretary's office, but the appropriation has not been correspondingly reduced as it is very small and the full amount of the appropriation will be needed next year for temporary emergency employments.		
(51) Five plumbers or steam fitters, at \$1,020 each (<i>same acts</i>)	5, 100. 00	
(52) One plumber's helper (<i>same acts</i>)	840. 00	
(53) Two plumber's helpers, at \$720 each (<i>same acts</i>)	1, 440. 00	
(54) One blacksmith (<i>same acts</i>)	900. 00	
(55) One lieutenant of the watch (<i>same acts</i>)	1, 000. 00	
(56) Two lieutenants of the watch, at \$960 each (<i>same acts</i>)	1, 920. 00	
(57) Two watchmen, at \$840 each (<i>submitted</i>)	1, 680. 00	
NOTE.—These two additional employees are needed for protection of the buildings occupied by the department. A new building is now being erected and additional watchmen will be required to guard the same.		
(58) Forty-two watchmen, at \$720 each (increase of 4 submitted) (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; June 30, 1914, vol. 38, pp. 415, 416, sec. 1</i>)	30, 240. 00	
NOTE.—These 4 additional employees are needed for protection of the buildings occupied by the department. An additional building is being erected at the present time, and to guard this building it will require 2 men on each of the night shifts and 1 man on the day shift.		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
(59) Five mechanics, at \$1,200 each (<i>acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; June 30, 1914, vol. 38, pp. 415, 416, sec. 1</i>) ..	\$6, 000. 00	
(60) Two skilled laborers, at \$960 each (<i>same acts</i>)	1, 920. 00	
(61) One janitor (<i>same acts</i>)	900. 00	
(62) Twenty-two assistant messengers, messenger boys, or laborers, at \$600 each (increase of 1 by transfer from statutory roll of Bureau of Chemistry) (<i>same acts</i>)	13, 200. 00	
(63) One carriage driver (by transfer from lump-fund emergency roll of Secretary's office, which roll has not been correspondingly reduced) (<i>same acts</i>)	600. 00	
NOTE.—This employee has been transferred from the lump-fund emergency roll of the Secretary's office, but the appropriation has not been correspondingly reduced, as it is very small, and the full amount of the appropriation will be needed next year for temporary emergency employments.		
(64) Twenty-one laborers or messenger boys, at \$480 each (increase of 2 submitted) (<i>same acts</i>)	10, 080. 00	
NOTE.—These 2 additional employees are needed to carry on the continual increase of labor work in the office of the Secretary. One will be placed in the mechanical shops, where the services of an additional laborer are badly needed, and the other will be placed on the cleaning work of the main building, on account of one of the regular staff having recently been assigned to other work in the office of the Secretary.		
(65) One charwoman (<i>same acts</i>)	540. 00	
(66) Two charwomen, at \$480 each (<i>same acts</i>)	960. 00	
(67) Fifteen charwomen, at \$240 each (<i>same acts</i>)	3, 600. 00	
(68) For extra labor and emergency employments (<i>same acts</i>)	14, 000. 00	
	<u>\$354, 280. 00</u>	<u>\$339, 880. 00</u>
NOTE.—Apparent increase, \$14,400; actual increase, \$12,500, as follows:		
<i>New places.</i>		
2 elevator conductors, at \$720 each. \$1, 440 1 electrician's helper. 720 2 watchmen, at \$840 each. 1, 680 4 watchmen, at \$720 each. 2, 880 2 laborers or messenger boys, at \$480 each. 960 \$7, 680		
<i>Transfers from lump fund for extra labor of Secretary's office, which fund has not been correspondingly reduced.</i>		
1 superintendent of shops. 1, 400 1 cabinetmaker or carpenter. 1, 020 2 painters, at \$900 each. 1, 800 1 carriage driver. 600 4, 820		
Actual increase.....	\$12, 500	

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
Salaries, Office of the Secretary of Agriculture—Continued.		
<i>Transfers from funds of other bureaus, which funds have been correspondingly reduced.</i>		
1 clerk, class 2, from statutory roll of Division of Accounts and Disbursements.....	\$1, 400	
1 cabinetmaker or carpenter, from statutory roll of Bureau of Animal Industry, with change of title.....	900	
1 assistant messenger, messenger boy, or laborer, from statutory roll of Bureau of Chemistry.....	600	
1 clerk, class 1, from lump fund of Bureau of Chemistry.....	1, 200	
	<u>\$4, 100</u>	
<i>Transfers to statutory rolls of other bureaus, and the Secretary's roll correspondingly reduced.</i>		
1 clerk, class 1, to Bureau of Crop Estimates.....	1, 200	
1 clerk, \$1,000, to Division of Publications.....	1, 000	
	<u>2, 200</u>	
		\$1, 900
Apparent increase.....		14, 400
<i>Change of title.</i>		
1 assistant chief clerk and captain of the watch, at \$1,800, in lieu of 1 clerk, class 4.		
<i>Transfers to Division of Publications from lump fund for extra labor of Secretary's office, which fund has not been correspondingly reduced.</i>		
1 motion-picture photographer, \$1,600.		
1 motion-picture photographer, \$1,400.		
NOTE.—The salaries of these 2 photographers, aggregating \$3,000, have not been deducted from the appropriation named above, as it is very small and the full amount of the appropriation will be needed next year for temporary emergency employments.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
For extra labor and emergency employments, 1916, \$14,000.	For extra labor and emergency employments, 1914, \$14,000.	
Temporary clerical assistance to meet emergencies caused by illness or absence of regular employees.....	\$3, 000. 00	Clerk, \$1,600 (temporary)..... \$253. 34
Watchmen, at \$2 per diem, when actually employed, for temporary service during illness or absence of regular force.....	4, 000. 00	Clerk, \$1,200 (temporary)..... 126. 67
Electricians, electricians' helpers, plumbers, plumbers' helpers, and mechanics for temporary service in cases of emergency caused by breakdowns in the steam or electrical equipment of the department, or for additional necessary installation which can not be delayed, the salaries ranging from \$3.50 to \$4.50 per diem.....	3, 000. 00	Clerk, \$1,000 (temporary)..... 253. 33
Temporary skilled and unskilled labor to meet emergencies caused by illness or absence of the regular force, and to assist mechanics in urgent installation work, at salaries ranging from \$1.50 to \$3.50 per diem.....	4, 000. 00	Clerks, at \$900 each (temporary)..... 345. 00
		Clerks, at \$840 each (temporary)..... 520. 33
		Clerks, at \$60 each per month (temporary)..... 1, 308. 00
		Clerks, at \$25 each per month (temporary)..... 62. 50
		Draftsman, \$4 per diem, when actually employed..... 120. 00
		Messenger, \$600 (temporary)..... 150. 00
		Messenger boy, \$40 per month (temporary)..... 120. 00
		Messenger boy, \$30 per month (temporary)..... 34. 00
		Laborer, \$60 per month (temporary)..... 142. 00
		Laborer, \$25 per month (temporary)..... 168. 33
		Elevator conductor, \$50 per month (temporary)..... 150. 00
		Skilled laborers, at \$40 each per month (temporary)..... 93. 00
		Laborers, at \$1.50 per diem, when actually employed..... 449. 50
		Charwomen, at \$0.75 per diem, when actually employed..... 337. 92
		Coal passer, \$600 (temporary)..... 275. 00
		Steamfitters, at \$4.50 each per diem, when actually employed..... 396. 00
		Cabinetmaker, \$1,020 (temporary)..... 425. 00
		Cabinetmaker, \$900 (temporary)..... 487. 50
		Electrical helpers, at \$60 each per month (temporary)..... 200. 00
		Electrical helper, \$50 per month (temporary)..... 150. 00
		Electrical wiremen, at \$900 each (temporary)..... 687. 50
		Painters, at \$75 each per month (temporary)..... 487. 50
		Painters, at \$840 each (temporary)..... 368. 67
		Painters, at \$3.50 each per diem, when actually employed..... 367. 50
		Plumber, \$4.50 per diem, when actually employed..... 261. 00
		Plumbers' helpers, at \$60 each per month (temporary)..... 530. 00
		Tinner's helper, \$60 per month (temporary)..... 330. 00
		Watchmen, at \$2 each per diem, when actually employed..... 4, 301. 00
Total estimate, 1916.....	14, 000. 00	Total expenditures, 1914..... 13, 900. 59
Total appropriation, 1915.....	14, 000. 00	

Letter NO 1001 MS sent from the Ministry of the Interior to the Ministry of the Navy

1001 MS sent from the Ministry of the Interior to the Ministry of the Navy

1001 MS sent from the Ministry of the Interior to the Ministry of the Navy

1001 MS sent from the Ministry of the Interior to the Ministry of the Navy

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<p>NOTE.—Under the plan of reorganization, the Office of Farm Management has been transferred from the Bureau of Plant Industry to the Office of the Secretary as a separate unit. All of the salary places below have been transferred from the statutory roll, and the miscellaneous items from the lump fund for general expenses of that bureau.</p>		
<i>Salaries, Office of Farm Management—</i>		
(69) Two clerks, class 3 (by transfer from statutory roll of Bureau of Plant Industry) (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; June 30, 1914, vol. 38, pp. 420, 421, sec. 1</i>)	\$3, 200. 00	
(70) One clerk, class 2 (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	1, 400. 00	
(71) Six clerks, class 1 (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	7, 200. 00	
(72) One clerk (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	1, 020. 00	
(73) Five clerks, at \$1,000 each (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	5, 000. 00	
(74) Six clerks, at \$900 each (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	5, 400. 00	
(75) Three clerks, at \$840 each (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	2, 520. 00	
(76) Four clerks, at \$720 each (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	2, 880. 00	
(77) One messenger or laborer (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	720. 00	
(78) One messenger, messenger boy, or laborer (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	660. 00	
(79) Three messengers, messenger boys, or laborers, at \$480 each (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	1, 440. 00	
(80) One messenger boy (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	360. 00	
(81) One messenger boy (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	300. 00	
(82) Four charwomen, at \$240 each (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	960. 00	
(83) One photographer (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	1, 400. 00	
(84) One photographer (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	900. 00	
(85) One map tracer (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	720. 00	
	\$36, 080. 00	
<p>NOTE.—Apparent increase, \$36,080; no actual increase. All the places above have been transferred from the statutory roll of the Bureau of Plant Industry, under the plan of reorganization, and the appropriation of that Bureau has been correspondingly reduced.</p>		

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1. The following information
is to be used for the
purpose of the study
and is not to be
disclosed to the public.

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	
<i>General Expenses, Office of Farm Management—</i>			
(86) <i>For salaries and employment of labor^e in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in carrying out the work herein authorized, as follows:</i>			
(87) <i>To investigate and encourage the adoption of improved methods of farm management and farm practice (act June 30, 1914, vol. 38, pp. 422-423, sec. 1) -----</i>	\$240,000.00		
NOTE.—This item was formerly carried in the Bureau of Plant Industry, and the amount appropriated for the work was \$240,000. Under the plan of reorganization, investigation of the utilization of cacti and other dry-land plants, and investigation to determine the most effective method of eradicating weeds, utilizing \$17,520, have been transferred from this item to the item for new and rare seeds in the Bureau of Plant Industry; farm structures work, utilizing \$12,805, has been transferred to the Office of Public Roads and Rural Engineering, and farm home management work, utilizing \$3,320, has been transferred to the States Relations Service, making a total of \$33,645. There is thus a virtual increase of this amount in these estimates for farm management investigations. It is proposed to use this increase in extending the farm management surveys and farm organization investigations in all parts of the country. An urgent demand has arisen for work of this character in connection with the demonstration work of the Department.			
(88) <i>For studying methods of clearing off "logged off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing, in cooperation with the States, companies, or individuals, or otherwise (same act) -----</i>	5,000.00		
NOTE.—This item was formerly carried in the Bureau of Plant Industry, and the amount appropriated for the work was \$5,000. Under the plan of reorganization it has been transferred to this office.			
<i>In all, for general expenses -----</i>	\$245,000.00		
Appropriations for 1906.....	\$110,320	Estimates for 1907.....	\$117,720
Appropriations for 1907.....	113,200	Estimates for 1908.....	115,500
Deficiency act.....	1,300		
Appropriations for 1908.....	119,200	Estimates for 1909.....	134,220
Appropriations for 1909.....	132,900	Estimates for 1910.....	162,300
Appropriations for 1910.....	174,570	Estimates for 1911.....	198,770
Appropriations for 1911.....	229,870	Estimates for 1912.....	276,650
Appropriations for 1912.....	276,450	Estimates for 1913.....	287,300
Appropriations for 1913.....	292,280	Estimates for 1914.....	305,570
Appropriations for 1914.....	303,820	Estimates for 1915.....	332,380
Appropriations for 1915.....	339,880	Estimates for 1916.....	*635,360
*Includes Office of Farm Management, \$281,080			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Farm Management—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Farm management investigations, 1916, \$240,000.		
Salaries..... \$146,516.00		
As follows:		
In Washington—		
1 agriculturist, \$4,000.		
2 agriculturists, at \$3,000 each.		
2 agriculturists, at \$2,760 each.		
2 agriculturists, at \$2,520 each.		
2 agriculturists, at \$2,400 each.		
5 agriculturists, at \$2,280 each.		
1 agriculturist, \$2,340.		
1 assistant agriculturist, \$2,280.		
1 assistant agriculturist, \$2,040.		
1 assistant agriculturist, \$1,800.		
1 assistant agriculturist, \$1,740.		
1 assistant agriculturist, \$1,440.		
1 executive assistant, \$2,250.		
2 scientific assistants, at \$2,040 each.		
1 scientific assistant, \$1,800.		
4 scientific assistants, at \$1,620 each.		
1 scientific assistant, \$1,500.		
3 scientific assistants, at \$1,440 each.		
1 assistant, \$2,220.		
3 assistants, at \$1,800 each.		
3 assistants, at \$1,620 each.		
1 assistant, \$1,640.		
3 assistants, at \$1,440 each.		
1 assistant, \$100 per month (3 months).		
3 assistants, at \$50 each per month (2 months).		
25 assistants, at \$50 each per month (3 months).		
1 agricultural inspector, \$1,620.		
1 laboratory aid in horticulture, \$720.		
1 library assistant, \$1,200.		
1 translator, \$1,200.		
1 cartographer, \$1,800.		
1 statistical expert, \$2,000.		
1 draftsman, \$900.		
2 draftsmen, at \$600 each.		
1 clerk, \$1,800.		
1 clerk, \$1,200.		
8 clerks or draftsmen, at \$900 each.		
1 clerk, \$840.		
2 clerks, at \$90 each per month (6 months).		
7 clerks, at \$60 each per month (3 months).		
1 clerk, \$80 per month (2 months).		
1 clerk, \$70 per month (1 month).		
1 skilled laborer, \$300.		
Out of Washington—		
1 agriculturist, \$2,760.		
1 agriculturist, \$2,520.		
1 agriculturist, \$2,400.		
1 agriculturist, \$2,280.		
4 assistant agriculturists, at \$1,800 each.		
1 scientific assistant, \$1,620.		
1 scientific assistant, \$1,080.		
1 assistant agriculturist, \$2,000.		
1 agent, \$1,200.		
1 agent, \$1,000.		
1 agent, \$900.		
1 agent, \$600.		
1 agent, \$540.		
1 agent, \$360.		
Farm management investigations, 1914, \$366,200, less \$3,436.14, by transfer to other lump funds of the Bureau of Plant Industry, net amount, \$362,763.86.		
Salaries..... \$286,956.77		
As follows:		
In Washington—		
1 agriculturist, \$4,000.		
4 agriculturists, at \$3,000 each.		
4 agriculturists, at \$2,760 each.		
5 agriculturists, at \$2,520 each.		
1 agriculturist, \$2,460.		
4 agriculturists, at \$2,400 each.		
1 agriculturist, \$2,280.		
1 agriculturist, \$2,250.		
3 agriculturists, at \$2,220 each.		
4 agriculturists, at \$2,100 each.		
1 agriculturist, \$2,040.		
3 agriculturists, at \$2,000 each.		
1 agriculturist, \$1,500.		
1 agriculturist, \$1 per annum.		
2 assistant agriculturists, at \$2,000 each.		
2 assistant agriculturists, at \$1,800 each.		
1 assistant agriculturist, \$1,740.		
1 assistant agriculturist, \$1,500.		
1 assistant agriculturist, \$1,300.		
1 assistant agriculturist, \$1,200.		
1 assistant agriculturist, \$800.		
1 executive assistant, \$1,800 and \$2,250.		
1 scientific assistant, \$1,800.		
2 scientific assistants, at \$1,620 each.		
1 scientific assistant, \$1,500.		
9 scientific assistants, at \$1,440 each.		
5 scientific assistants, at \$1,200 each.		
1 scientific assistant, \$720.		
2 scientific assistants, at \$600 each.		
2 assistants, at \$1,800 each.		
1 farm architect, \$2,000.		
1 architectural draftsman, \$1,440.		
1 laboratory aid, \$720.		
1 library assistant, \$1,200.		
1 translator, \$1,200.		
1 assistant cartographer, \$3 per diem.		
1 assistant in agriculture geography, \$1,920.		
1 draftsman, \$900.		
2 topographic draftsmen, at \$600 each.		
1 map tracer, \$600.		
2 statistical clerks, at \$1,200 each.		
1 statistical clerk, \$960.		
8 statistical clerks, at \$900 each.		
2 clerks, at \$1,200 each.		
3 clerks, at \$1,000 each.		
6 clerks, at \$900 each.		
5 clerks, at \$840 each.		
3 clerks, at \$720 each.		
1 clerk, 50 cents per hour, when actually employed.		
1 assistant in farm management, \$1,800.		
1 assistant in farm management, \$900.		
1 student assistant, \$25 per month.		
1 tabulator and computer, \$1,200.		
1 assistant in farm economics, \$1,200 (3 months).		
1 assistant farm superintendent, \$1,440.		
1 assistant in dry-land agriculture, \$2,220.		
1 assistant in dry-land agriculture, \$1,980.		
4 assistants in farm cost accounting, at \$1,600 each.		
5 assistants in farm cost accounting, at \$1,440 each.		
2 assistants in farm cost accounting, at \$1,200 each.		
1 skilled laborer, \$720.		
1 skilled laborer, \$180.		
2 unskilled laborers, at \$55 each per month.		
3 unskilled laborers, at \$300 each.		
1 unskilled laborer, \$240.		
1 messenger, \$480.		
1 charwoman, \$240.		
Out of Washington—		
1 agriculturist, \$2,400.		
2 agriculturists, at \$2,220 each.		
2 agriculturists, at \$2,000 each.		
2 assistant agriculturists, at \$2,000 each.		
6 assistant agriculturists, at \$1,800 each.		
1 assistant agriculturist, \$1,620.		
1 assistant agriculturist, \$5 per diem.		
1 scientific assistant, \$1,620.		
1 scientific assistant, \$1,440.		
1 scientific assistant, \$1 per annum.		
1 scientific assistant, \$5 per diem.		
1 assistant, \$1,300.		
1 expert, \$1,440.		
1 fence rider, \$300.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Farm Management—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Farm management investigations, 1916, \$240,000.	Farm management investigations, 1914, \$366,200, less \$3,436.14, by transfer to other lump funds of the Bureau of Plant Industry, net amount, \$362,763.86.		
Out of Washington—Continued. 11 collaborators, at \$300 each. 1 collaborator, \$216. 2 collaborators, at \$12 each per annum. 4 collaborators, at \$1 each per annum. 1 skilled laborer, \$300. 1 janitor, \$42 per annum.	Out of Washington—Continued. 1 agent, \$2,500. 1 agent, \$2,460. 1 agent, \$1,860. 1 agent, \$1,740. 1 agent, \$1,650. 11 agents, at \$1,500 each. 1 agent, \$1,440. 2 agents, at \$1,300 each. 2 agents, at \$1,275 each. 53 agents, at \$1,200 each. 1 agent, \$1,180. 3 agents, at \$1,100 each. 1 agent, \$1,080. 2 agents, at \$1,050 each. 5 agents, at \$1,000 each. 1 agent, \$950. 4 agents, at \$900 each. 6 agents, at \$800 each. 6 agents, at \$780 each. 5 agents, at \$750 each. 1 agent, \$720. 1 agent, \$675. 3 agents, at \$625 each. 12 agents, at \$600 each. 1 agent, \$575. 7 agents, at \$540 each. 1 agent, \$510. 7 agents, at \$500 each. 6 agents, at \$480 each. 1 agent, \$360. 15 agents, at \$300 each. 1 agent, \$260. 3 agents, at \$240 each. 10 agents, at \$180 each. 17 agents, at \$120 each. 1 agent, \$1 per annum. 1 special agent, \$240. 2 collaborators, at \$12 each per annum. 150 collaborators, at \$1 each per annum. 30 collaborating clerks, at \$300 each. 1 collaborating clerk, \$270. 1 collaborating clerk, \$240. 1 collaborating clerk, \$216. 3 collaborating clerks, at \$180 each. 1 assistant in hay investigations, \$1,200. 1 assistant in hay investigations, \$1.50 per month. 1 assistant in farm management, \$720. 10 assistants in farm management, at \$600 each. 1 assistant in farm management, \$4 per diem. 1 skilled mechanic, \$4 per diem. 16 skilled laborers, at \$300 each. 1 unskilled laborer, \$1.50 per diem. 1 unskilled laborer, \$1.20 per diem. 1 unskilled laborer, \$42 per annum.		
Traveling expenses..... \$65,000.00 Supplies and equipment..... 20,000.00 Miscellaneous expenses..... 8,484.00 Total estimate, 1916..... 240,000.00 Total appropriation, 1915..... 240,000.00	Traveling expenses..... \$51,859.36 Supplies and equipment..... 14,572.59 Miscellaneous expenses..... 3,303.13 Total expenditures, 1914..... 356,691.85		
NOTE.—This appropriation has been transferred from the Bureau of Plant Industry.		NOTE.—This appropriation was under the Bureau of Plant Industry in 1914.	
Logged-off lands, 1916, \$5,000. Salaries..... \$3,660.00 As follows: In Washington— 1 agriculturist, \$2,220. 1 scientific assistant, \$1,440. Traveling expenses..... 1,200.00 Supplies and equipment..... 140.00 Miscellaneous expenses..... Total estimate, 1916..... 5,000.00 Total appropriation, 1915..... 5,000.00	Logged-off lands, 1914, \$5,000. Salaries..... \$2,940.00 As follows: In Washington— 1 agriculturist, \$2,000 and \$2,220. 1 scientific assistant, \$1,200. Traveling expenses..... 1,943.98 Supplies and equipment..... 86.36 Miscellaneous expenses..... Total expenditures, 1914..... 4,970.34		
NOTE.—This appropriation has been transferred from the Bureau of Plant Industry.		NOTE.—This appropriation was under the Bureau of Plant Industry in 1914.	
Total for Office of the Secretary of Agriculture (increase \$295,480)		\$635,360.00	\$339,880.00

1941-1942
1942-1943
1943-1944
1944-1945

1945-1946
1946-1947
1947-1948
1948-1949

1949-1950
1950-1951
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1955-1956
1956-1957

1957-1958
1958-1959
1959-1960
1960-1961

1961-1962
1962-1963
1963-1964
1964-1965

1965-1966
1966-1967
1967-1968
1968-1969

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
WEATHER BUREAU.		
<i>Salaries, Weather Bureau—</i>		
(1) One chief of bureau (<i>acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; June 30, 1914, vol. 38, p. 416, sec. 1</i>)	\$5, 000. 00	
(2) One assistant chief of bureau (by transfer from lump fund) (<i>same acts</i>)	3, 250. 00	
(3) One chief clerk and executive assistant (<i>same acts</i>)	3, 000. 00	
(4) One chief of division of stations and accounts (<i>same acts</i>)	2, 750. 00	
(5) One chief of printing division (<i>same acts</i>)	2, 500. 00	
(6) Three chiefs of division, at \$2,000 each (<i>same acts</i>)	6, 000. 00	
(7) Eight clerks, class 4 (<i>same acts</i>)	14, 400. 00	
(8) Eleven clerks, class 3 (<i>same acts</i>)	17, 600. 00	
(9) Twenty-three clerks, class 2 (<i>same acts</i>)	32, 200. 00	
(10) Thirty clerks, class 1 (<i>same acts</i>)	36, 000. 00	
(11) Twenty-two clerks, at \$1,000 each (<i>same acts</i>)	22, 000. 00	
(12) Ten clerks, at \$900 each (<i>same acts</i>)	9, 000. 00	
(13) One telegraph operator (<i>same acts</i>)	1, 200. 00	
(14) One assistant foreman of division (<i>same acts</i>)	1, 600. 00	
(15) One chief compositor (<i>same acts</i>)	1, 400. 00	
(16) One lithographer (<i>same acts</i>)	1, 500. 00	
(17) Two lithographers, at \$1,200 each (<i>same acts</i>)	2, 400. 00	
(18) One pressman (<i>same acts</i>)	1, 200. 00	
(19) Five compositors, at \$1,250 each (<i>same acts</i>)	6, 250. 00	
(20) Fourteen printers, at \$1,200 each (<i>same acts</i>)	16, 800. 00	
(21) Eleven printers, at \$1,000 each (<i>same acts</i>)	11, 000. 00	
(22) Four folders and feeders, at \$720 each (<i>same acts</i>)	2, 880. 00	
(23) One chief instrument maker (<i>same acts</i>)	1, 400. 00	
(24) Three instrument makers, at \$1,200 each (<i>same acts</i>)	3, 600. 00	
(25) Two skilled mechanics, at \$1,200 each (<i>same acts</i>)	2, 400. 00	
(26) Seven skilled mechanics, at \$1,000 each (<i>same acts</i>)	7, 000. 00	
(27) One skilled mechanic (<i>same acts</i>)	840. 00	
(28) One skilled mechanic (<i>same acts</i>)	720. 00	
(29) Six skilled artisans, at \$840 each (<i>same acts</i>)	5, 040. 00	
(30) One engineer (<i>same acts</i>)	1, 300. 00	
(31) One fireman and steam fitter (<i>same acts</i>)	840. 00	
(32) Four firemen, at \$720 each (decrease of 1 submitted) (<i>same acts</i>)	2, 880. 00	

NOTE.—A decrease of one fireman is recommended on account of the transfer of the aerological work from Mount Weather.

[illegible]

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.																																								
Salaries, Weather Bureau—Continued.																																											
(33)	One captain of the watch (<i>acts Oct. 1, 1890, vol. 26, p. 653, secs. 4, 5; June 30, 1914, vol. 38, p. 416, sec. 1</i>)	\$1, 000. 00																																									
(34)	One electrician (<i>same acts</i>)	1, 200. 00																																									
(35)	One gardener (<i>same acts</i>)	1, 000. 00																																									
(36)	Four repairmen, at \$840 each (<i>same acts</i>)	3, 360. 00																																									
(37)	Six repairmen, at \$720 each (<i>same acts</i>)	4, 320. 00																																									
(38)	Four watchmen, at \$720 each (<i>same acts</i>)	2, 880. 00																																									
(39)	Seventeen messengers, messenger boys, or laborers, at \$720 each (<i>same acts</i>)	12, 240. 00																																									
(40)	Six messengers, messenger boys, or laborers, at \$660 each (<i>same acts</i>)	3, 960. 00																																									
(41)	Twenty-six messengers, messenger boys, or laborers, at \$600 each (decrease of 5 by transfer to lump fund) (<i>same acts</i>)	15, 600. 00																																									
NOTE.—A decrease of five messengers or messenger boys at \$600 each is submitted, by transfer, under the title of apprentices and at the same salary, to the lump sum fund, which fund has been increased accordingly. These employees entered the service as messenger boys, but their duties have required them to learn a great deal of the work of assistant observers, and their designation as apprentices would be more proper than that of messengers. They have learned to make chalk plate maps, operate the printing press, and even to set type to a limited extent. After having qualified therein, they are authorized to make regular meteorological observations and reports in emergencies. In many respects these boys are performing the same character of work as assistant observers, and should be carried on the lump sum roll as apprentices, with assistant observers and other semiscientific employees.																																											
(42)	Seventy-six messengers, messenger boys, or laborers, at \$480 each (decrease of 12 by transfer to lump fund) (<i>same acts</i>)	36, 480. 00																																									
NOTE.—A decrease of twelve messengers or messenger boys at \$480 each is submitted, by transfer, under the title of apprentices and at the same salary, to the lump sum fund, which fund is increased accordingly, for the reason that these employees entered the service as messenger boys, but their duties having required them to learn a great deal of the work of assistant observers, their designation as apprentices would be more proper than that of messengers. They have learned to make chalk plate maps, operate the printing press, and even to set type to a limited extent. After having qualified therein, they are authorized to make regular meteorological observations and reports in emergencies. In many respects these boys are performing the same character of work as assistant observers, and should be carried on the lump sum roll as apprentices, with assistant observers and other semiscientific employees.																																											
(43)	Five messengers, messenger boys, or laborers, at \$450 each (<i>same acts</i>)	2, 250. 00																																									
(44)	Thirty-seven messenger boys, at \$360 each (increase of 10 by transfer from lump fund) (<i>same acts</i>)	13, 320. 00																																									
(45)	One charwoman (<i>same acts</i>)	360. 00																																									
(46)	Three charwomen, at \$240 each (<i>same acts</i>)	720. 00																																									
		\$324,640.00	\$327,270.00																																								
<table><tr><td>Appropriations for 1906.....</td><td>\$191,430</td><td>Estimates for 1907.....</td><td>\$194,530</td></tr><tr><td>Appropriations for 1907.....</td><td>194,690</td><td>Estimates for 1908.....</td><td>196,990</td></tr><tr><td>Appropriations for 1908.....</td><td>196,990</td><td>Estimates for 1909.....</td><td>202,510</td></tr><tr><td>Appropriations for 1909.....</td><td>202,510</td><td>Estimates for 1910.....</td><td>204,310</td></tr><tr><td>Appropriations for 1910.....</td><td>205,310</td><td>Estimates for 1911.....</td><td>206,150</td></tr><tr><td>Appropriations for 1911.....</td><td>206,150</td><td>Estimates for 1912.....</td><td>342,800</td></tr><tr><td>Appropriations for 1912.....</td><td>313,170</td><td>Estimates for 1913.....</td><td>317,120</td></tr><tr><td>Appropriations for 1913.....</td><td>315,930</td><td>Estimates for 1914.....</td><td>330,240</td></tr><tr><td>Appropriations for 1914.....</td><td>325,860</td><td>Estimates for 1915.....</td><td>328,270</td></tr><tr><td>Appropriations for 1915.....</td><td>327,270</td><td>Estimates for 1916.....</td><td>324,640</td></tr></table>				Appropriations for 1906.....	\$191,430	Estimates for 1907.....	\$194,530	Appropriations for 1907.....	194,690	Estimates for 1908.....	196,990	Appropriations for 1908.....	196,990	Estimates for 1909.....	202,510	Appropriations for 1909.....	202,510	Estimates for 1910.....	204,310	Appropriations for 1910.....	205,310	Estimates for 1911.....	206,150	Appropriations for 1911.....	206,150	Estimates for 1912.....	342,800	Appropriations for 1912.....	313,170	Estimates for 1913.....	317,120	Appropriations for 1913.....	315,930	Estimates for 1914.....	330,240	Appropriations for 1914.....	325,860	Estimates for 1915.....	328,270	Appropriations for 1915.....	327,270	Estimates for 1916.....	324,640
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Weather Bureau—Continued.</i>		
NOTE.—Apparent decrease, \$2,630; actual decrease, \$720, as follows:		
<i>Place dropped.</i>		
1 fireman.....	\$720	
Actual decrease.....		\$720
<i>Transfers to lump fund of this bureau.</i>		
5 messengers, messenger boys, or laborers, at \$600 each.....	\$3,000	
12 messengers, messenger boys, or laborers, at \$480 each.....	5,760	
	8,760	
<i>Transfers from lump fund of this bureau, which fund has been correspondingly reduced.</i>		
1 assistant chief of bureau.....	\$3,250	
10 messenger boys, at \$360 each.....	3,600	
	6,850	
		1,910
Apparent decrease.....		2,630

General Expenses, Weather Bureau—

- (47) For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, in *Panama, the Caribbean Sea*, and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an act approved Oct. 1, 1890, so far as they relate to the weather service transferred thereby to the Department of Agriculture; for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, *apprentices*, [assistant observers,] operators, skilled mechanics, instrument makers, *foremen*, assistant foremen, proof readers, compositors, pressmen, lithographers, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen, and other necessary employees; for fuel, gas, electricity, freight and express charges, *printing*, furniture, stationery, ice, dry goods, twine, mats, oils, paints, glass, lumber, hardware, and washing towels; for advertising; for subsistence, care, and purchase of horses and vehicles, *the purchase* and repair of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repairs and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological *and seismological* offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers and the issuing of river forecasts and warnings; for observations and reports relating to crops and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological *and seismological* information, as follows (*acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; July 7, 1898, vol. 30, p. 706, sec. 1; June 30, 1914, vol. 38, pp. 417, 418, sec. 1*):

NOTE.—A change of language is recommended in the above paragraph for the purpose of extending the work of the Weather Bureau to include *Panama* and



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Weather Bureau—Continued.</i>		
(48) For necessary expenses in the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology [\$122,000] (<i>acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; July 7, 1898, vol. 30, p. 706, sec. 1; June 30, 1914, vol. 38, pp. 417, 418, sec. 1</i>) -----	\$110,000.00	
NOTE.—There is an apparent decrease in the above item of \$12,000; \$3,250 by transfer of the assistant chief of bureau to the statutory roll, and \$8,750 by transfer to the subappropriation for expenses outside of the city of Washington.		
(49) For the maintenance of a printing office in the city of Washington, for the printing of weather maps, bulletins, circulars, forms, and other publications, including <i>the purchase and repair of printing apparatus, and the purchase of ink, paper, and other printing supplies for the work of the Washington office, and the pay of additional employees, when necessary, [\$26,000: Provided, That no printing shall be done by the Weather Bureau that, in the judgment of the Secretary of Agriculture, can be done at the Government Printing Office without impairing the service of said bureau;]</i> (<i>same acts</i>) -----	14, 000. 00	
NOTE.—There is a decrease in the above item of \$12,000 by transfer of this amount to the subappropriation for expenses outside the city of Washington, to be expended in the purchase of printing materials and supplies for printing done exclusively at field stations, as it is not a proper charge against the expenses in Washington. New language has been added to more specifically authorize the purchase of printing apparatus and printing supplies for the Washington office. The proviso should also be omitted in the paragraph relative to the printing office. While nearly all the printing done at the Weather Bureau is lithographic work which actually can not be done at the Government Printing office, nevertheless some printing should be done at the Weather Bureau office that literally can be done at the Government Printing Office. The qualification in the proviso comprised in the words "without impairing the service of said bureau" imposes the exercise of discretionary judgment upon some one. An additional phrase in the proviso empowers the Secretary of Agriculture to exercise that discretion. The proviso as a whole, therefore, sets up harmful limitations upon the legitimate printing work of the Weather Bureau and then proceeds to annul these limitations by its language of qualification and authorization. In actual practice everything can now be done under the proviso that could be done without any proviso. The proviso is quite unnecessary. Moreover, the amount of the whole appropriation for printing is so small that any material competition with the Government Printing Office is entirely impossible.		
(50) For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, <i>including the purchase and repair of printing apparatus, and the purchase of ink, paper, and other necessary supplies for printing weather maps, bulletins, forms, and other publications at field stations, and for investigations in meteorology, climatology, seismology, evaporation, and aerology, [\$1,189,000] \$1,231,110, including not to exceed [\$591,000] \$613,920 for salaries, [\$120,000] \$127,170 for special observations and reports, [\$275,000] \$285,000 for telegraphing and telephoning, [and \$30,000 for travel expenses;]</i> (<i>same acts</i>) -----	1,231,110.00	
NOTE.—The two paragraphs above have been transposed. There is an apparent increase in the latter paragraph of \$42,110, as follows:		
Salaries (including an increase of \$8,760 by transfer of 5 messengers at \$600 and 12 messengers at \$480 from the statutory roll, with change of title to apprentices, and a decrease of \$3,600 by transfer of 10 messenger boys at \$360 to the statutory roll, making an actual increase of \$17,760).....	\$22, 920	
Special observations.....	7, 170	
Telegraphing and telephoning.....	10, 000	
Other expenses not itemized.....	32, 020	
	72, 110	
Less item for traveling expenses transferred to another paragraph....	30, 000	
	42, 110	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	
<i>General Expenses, Weather Bureau—Continued.</i>			
Owing to the completion of the Panama Canal and the change of sailing routes it is desirable that the Weather Bureau be in a position to collect and disseminate weather and storm data, and this increase will provide for the establishment and operation of a station in Panama, including the extension of the West Indian and Caribbean service from 9 substations taking one observation a day for 5½ months to 14 substations taking two observations a day throughout the year. It will also enable the bureau to meet the other unavoidable demands resulting from the inevitable growth of the service throughout the country. New language has also been added to specifically authorize the purchase and repair of printing apparatus and printing supplies at field stations.			
(51) <i>For official traveling expenses</i>	\$24,000.00		
NOTE.—The above item for official traveling expenses is transferred from the paragraph above and the amount reduced \$6,000, which is included as an increase under expenses outside of the city of Washington.			
[For the erection of a building at Neah Bay, Wash., to be constructed under the supervision of the Chief of the Weather Bureau, plans and specifications to be approved by the Secretary of Agriculture, and for all necessary labor, materials, and expenses connected with this work, \$3,000.]			
NOTE.—The paragraph for the erection of a building at Neah Bay should be omitted as the work is now under way and the present appropriation will be sufficient.			
In all, for general expenses.....	\$1,379,110.00	\$1,340,000.00	
Appropriations for 1906.....	1 562,010	Estimates for 1907.....	1 693,010
Appropriations for 1907.....	1 630,000	Estimates for 1908.....	1 645,000
Appropriations for 1908.....	1 645,000	Estimates for 1909.....	1 687,500
Appropriations for 1909.....	1 852,000	Estimates for 1910.....	1 412,950
Appropriations for 1910.....	1 277,950	Estimates for 1911.....	1 277,110
Appropriations for 1911.....	1 293,610	Estimates for 1912.....	1 283,310
Appropriations for 1912.....	1 262,080	Estimates for 1913.....	1 268,330
Appropriations for 1913.....	1 278,750	Estimates for 1914.....	1 310,250
Appropriations for 1914.....	1 356,750	Estimates for 1915.....	1 317,000
Appropriations for 1915.....	1 340,000	Estimates for 1916.....	1 379,110
¹ "Salaries, station employees, Weather Bureau," separately provided for.			
[The Secretary of Agriculture is hereby directed to report to Congress at its next session the present condition and value of the tract of land consisting of 84.81 acres of land, more or less, known as Mount Weather, and located in the counties of Loudoun and Clarke, in the State of Virginia, the original cost of said land, together with the cost of the improvements thereon and the present value of such improvements, the amount which in his opinion can be realized from the sale of said real property, including buildings and other improvements, at private sale, and whether in his opinion it would be most advantageous to sell the same at public or at private sale, and to advise Congress as to whether it would be better for the Government to sell said property or to lease it. And the Secretary of Agriculture is authorized, in his discretion, to discontinue the use of Mount Weather as a weather station and if necessary place a keeper in charge thereof for its protection and care, the expenses thereof to be paid out of the appropriation made herein for necessary expenses of the Weather Bureau outside of the city of Washington.]			
NOTE.—The above provision in regard to Mount Weather should be omitted as the special report called for will be made in a separate communication.			



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Weather Bureau—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Central office expenses, 1916..... \$110,000.00	Contingent expenses, 1914..... \$25,000.00 Station salaries, 1914..... 26,875.00 Miscellaneous expenses, 1914..... 2,780.00 Instruments, etc., 1914..... 1,000.00 Telephoning and telegraphing, 1914..... 61,000.00 Investigations and substations, 1914..... 125.00 Total..... 116,780.00	
Salaries..... \$35,120.00	Salaries..... \$26,636.40	
As follows: In Washington— 1 professor of meteorological physics, \$3,500. 2 professors of meteorology, at \$3,500 each. 1 professor of meteorology, \$3,000. 3 professors of meteorology, at \$2,520 each. 1 district forecaster, \$3,500. 1 climatologist and chief of division, \$2,520. 1 meteorologist, \$1,620. 3 observers, at \$1,440 each. 1 hydraulic engineer, \$1,080. 1 observer, \$900. 1 storm-warning displayman, \$10 month (12 months).	As follows: In Washington— 1 professor of meteorological physics, \$3,500. 2 professors of meteorology, at \$3,500 each. 1 professor of meteorology, \$3,500 (1 $\frac{1}{2}$ months). 1 professor of meteorology, \$3,000. 1 professor of meteorology, \$2,500 (5 months). 1 junior professor of meteorology, \$2,400. 1 district forecaster, \$3,500 (5 $\frac{1}{2}$ months). 1 district forecaster, \$3,000 (6 $\frac{1}{2}$ months). 1 climatologist and chief of division, \$2,500. 1 local forecaster, \$2,000 (1 month). 1 meteorologist, \$1,600 (5 months). 1 local forecaster, \$1,400 ($\frac{1}{2}$ month). 1 observer, \$1,400 (10 months). 1 observer, \$1,200. 1 observer, \$1,200 (2 $\frac{1}{2}$ months). 1 storm-warning displayman, \$10 month (12 months).	
Traveling expenses..... 300.00 Supplies and equipment..... 14,850.00 Miscellaneous expenses..... 59,730.00	Traveling expenses..... 240.00 Supplies and equipment..... 18,070.71 Miscellaneous expenses..... 66,786.20	
Total estimate, 1916..... 110,000.00 Total appropriation, 1915..... 122,000.00	Total expenditures, 1914..... 111,733.31	
Decrease (\$3,250 by transfer of assistant chief of bureau to statutory roll, and \$8,750 by transfer to lump fund for miscellaneous station expenses)..... 12,000.00	NOTE.—While the above appropriations were carried separately in 1914, they were consolidated in 1915 under the title of "Central office expenses."	
Station salaries, 1916, \$613,920.	Station salaries, 1914, \$590,500 (including \$26,875 for central office expenses; net amount, \$563,625).	
Salaries..... \$613,920.00	Salaries..... \$561,086.98	
As follows: Out of Washington— 1 professor of meteorology, \$3,500. 4 professors of meteorology, at \$2,520 each. 1 district forecaster, \$2,750. 8 district forecasters, at \$2,520 each. 1 district forecaster, \$2,280. 5 local forecasters, at \$2,280 each. 11 local forecasters, at \$2,040 each. 4 local forecasters, at \$2,000 each. 15 local forecasters, at \$1,800 each. 21 local forecasters, at \$1,600 each. 17 local forecasters, at \$1,560 each. 21 local forecasters, at \$1,400 each. 2 local forecasters, at \$1,380 each. 3 local forecasters, at \$1,200 each. 3 local forecasters, at \$1,000 each. 6 section directors, at \$2,280 each. 4 section directors, at \$2,040 each. 1 section director, \$2,000. 6 section directors, at \$1,800 each. 10 section directors, at \$1,600 each. 4 section directors, at \$1,560 each. 1 section director, \$1,000. 25 observers, at \$1,380 each. 105 observers, at \$1,200 each. 12 observers, at \$1,000 each. 1 observer, \$600. 29 assistant observers, at \$1,080 each. 32 assistant observers, at \$1,000 each. 15 assistant observers, at \$960 each. 87 assistant observers, at \$900 each. 1 assistant observer, \$720. 1 assistant observer, \$600. 1 assistant observer, \$480. 5 apprentices, at \$600 each. 12 apprentices, at \$480 each. 1 expert in vessel reporting, \$840. 5 student assistants, at \$300 each. 120 temporary emergency employees.	As follows: Out of Washington— 1 professor of meteorology, \$3,500. 4 professors of meteorology, at \$2,500 each. 1 junior professor of meteorology, \$2,400. 1 district forecaster, \$2,750. 7 district forecasters, at \$2,400 each. 2 local forecasters, at \$2,280 each. 1 local forecaster, \$2,040. 7 local forecasters, at \$2,000 each. 1 local forecaster, \$2,000 (11 months). 13 local forecasters, at \$1,800 each. 25 local forecasters, at \$1,600 each. 2 local forecasters, at \$1,560 each. 36 local forecasters, at \$1,400 each. 4 local forecasters, at \$1,200 each. 3 local forecasters, at \$1,000 each. 2 section directors, at \$2,280 each. 1 section director, \$2,040. 5 section directors, at \$2,000 each. 9 section directors, at \$1,800 each. 8 section directors, at \$1,600 each. 1 section director, \$1,560. 3 section directors, at \$1,400 each. 1 section director, \$1,000. 11 observers, at \$1,380 each. 101 observers, at \$1,200 each. 14 observers, at \$1,000 each. 1 observer, \$600. 8 assistant observers, at \$1,080 each. 67 assistant observers, at \$1,000 each. 97 assistant observers, at \$900 each. 1 assistant observer, \$500. 1 expert in vessel reporting, \$840. 4 student assistants, at \$300 each. 4 messenger boys, at \$360 each. 142 temporary emergency employees.	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p>Station salaries, 1916, \$613,920.</p> <hr/> <p>Traveling expenses..... Supplies and equipment..... Miscellaneous expenses.....</p> <hr/> <p>Total estimate, 1916..... \$613,920.00 Total appropriation, 1915..... 591,000.00</p> <hr/> <p>Increase (by transfer of 5 messengers at \$600 each, and 12 messengers at \$480 each, from statutory roll, but as 10 messenger boys at \$360 each were transferred to statutory roll the actual increase is \$17,760)..... 22,920.00</p>	<p>Station salaries, 1914, \$590,500 (including \$26,875 for central office expenses; net amount, \$563,625).</p> <hr/> <p>Traveling expenses..... Supplies and equipment..... Miscellaneous expenses.....</p> <hr/> <p>Total expenditures, 1914..... \$561,086.98</p>	
<p>Special observations and reports, 1916, \$127,170.</p>	<p>Investigations and substations, 1914, \$120,000 (less \$8,000 by transfer to other lump funds, and \$125 for central office expenses; net amount, \$113,875).</p>	
<p>Salaries (substation employees)..... \$112,000.00 As follows: Out of Washington— 14 special meteorological observers, at \$50 each per month (12 months). 28 special meteorological observers, at \$25 each per month (12 months). 1 special meteorological observer, \$15 per month (12 months). 1 special meteorological observer, \$15 per month (3 months). 1 special meteorological observer, \$10 per month (12 months). 1 special meteorological observer, \$10 per month (8 months). 1 special meteorological observer, \$10 per month (3 months). 53 special marine observers, at 50 cents per observation. 5 special fruit district observers, at \$15 each per month (12 months). 1 special fruit district observer, \$13 per month (12 months). 7 special fruit district observers, at \$11 each per month (12 months). 1 special fruit district observer, \$11 per month (3 months). 2 special fruit district observers, at \$11 each per month (2 months). 14 special fruit district observers, at \$10 each per month (12 months). 6 special fruit district observers, at \$10 each per month (6 months). 1 special fruit district observer, \$10 per month (5 months). 4 special fruit district observers, at \$10 each per month (3 months). 1 special fruit district observer, \$10 per month (2 months). 2 special fruit district observers, at \$10 each per month (2 months). 1 special fruit district and river observer, \$10 per month (3 months). 1 special fruit district and river observer, \$5 per month (9 months). 1 special cranberry marsh observer, \$25 per month (6 months). 1 special cranberry marsh observer, \$20 per month (5 months). 2 special cranberry marsh observers, at \$10 each per month (5 months). 4 special cranberry marsh observers, at \$10 each per month (4 months). 1 special cranberry marsh observer, \$10 per month (3 months). 4 special tobacco district observers, at \$10 each per month (2 months). 8 special tobacco district observers, at \$10 each per month (1 month). 3 special alfalfa district observers, at \$10 each per month (1 month). 1 special fruit and tomato district observer, \$11 per month (3 months). 1 special tomato district observer, \$11 per month (1 month). 1 cotton region and special meteorological observer, \$10 per month (12 months).</p>	<p>Salaries (substation employees)..... \$102,961.16 As follows: Out of Washington— 28 special meteorological observers, at \$25 each per month (12 months). 9 special meteorological observers, at \$25 each per month (5 months). 1 special meteorological observer, \$15 per month (12 months). 1 special meteorological observer, \$15 per month (3 months). 1 special meteorological observer, \$10 per month (12 months). 1 special meteorological observer, \$10 per month (8 months). 1 special meteorological observer, \$10 per month (3 months). 53 special marine observers, at 50 cents per observation. 5 special fruit district observers, at \$15 each per month (12 months). 1 special fruit district observer, \$13 per month (12 months). 7 special fruit district observers, at \$11 each per month (12 months). 1 special fruit district observer, \$11 per month (3 months). 2 special fruit district observers, at \$11 each per month (2 months). 14 special fruit district observers, at \$10 each per month (12 months). 6 special fruit district observers, at \$10 each per month (6 months). 1 special fruit district observer, \$10 per month (5 months). 4 special fruit district observers, at \$10 each per month (3 months). 1 special fruit district observer, \$10 per month (2 months). 2 special fruit district observers, at \$10 each per month (2 months). 1 special fruit district and river observer, \$10 per month (3 months). 1 special fruit district and river observer, \$5 per month (9 months). 1 special cranberry marsh observer, \$25 per month (6 months). 1 special cranberry marsh observer, \$20 per month (5 months). 2 special cranberry marsh observers, at \$10 each per month (5 months). 4 special cranberry marsh observers, at \$10 each per month (4 months). 1 special cranberry marsh observer, \$10 per month (3 months). 4 special tobacco district observers, at \$10 each per month (2 months). 8 special tobacco district observers, at \$10 each per month (1 month). 3 special alfalfa district observers, at \$10 each per month (1 month). 1 special fruit and tomato district observer, \$11 per month (3 months). 1 special tomato district observer, \$11 per month (1 month). 1 cotton region and special meteorological observer, \$10 per month (12 months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Special observations and reports, 1916, \$127,170.	Investigations and substations, 1914, \$120,000 (less \$6,000 by transfer to other lump funds, and \$125 for central office expenses; net amount, \$113,875).	
Out of Washington—Continued.	Out of Washington—Continued.	
10 cotton region and rainfall observers, at \$7.50 each per month for 7 months and \$4 each per month for 5 months.	10 cotton region and rainfall observers, at \$7.50 each per month for 7 months and \$4 each per month for 5 months.	
18 cotton region and river observers, at \$15 each per month for 7 months and \$10 each per month for 5 months.	18 cotton region and river observers, at \$15 each per month for 7 months and \$10 each per month for 5 months.	
4 cotton region and river observers, at \$15 each per month for 7 months and \$7 each per month for 5 months.	4 cotton region and river observers, at \$15 each per month for 7 months and \$7 each per month for 5 months.	
2 cotton region and river observers, at \$15 each per month (12 months).	2 cotton region and river observers, at \$15 each per month (12 months).	
1 cotton region and river observer, \$10 per month (12 months).	1 cotton region and river observer, \$10 per month (12 months).	
2 sugar and rice region and river observers, at \$10 each per month (5 months).	2 sugar and rice region and river observers, at \$10 each per month (5 months).	
2 sugar and rice region and river observers, at \$5 each per month (7 months).	2 sugar and rice region and river observers, at \$5 each per month (7 months).	
1 corn and wheat region and river observer, \$15 per month (12 months).	1 corn and wheat region and river observer, \$15 per month (12 months).	
1 corn and wheat region and river observer, \$15 per month for 6 months and \$10 per month for 6 months.	1 corn and wheat region and river observer, \$15 per month for 6 months and \$10 per month for 6 months.	
1 corn and wheat region and river observer, \$15 per month for 4 months and \$10 per month for 8 months.	1 corn and wheat region and river observer, \$15 per month for 4 months and \$10 per month for 8 months.	
1 corn and wheat region and river observer, \$15 per month for 7 months and \$7 per month for 5 months.	1 corn and wheat region and river observer, \$15 per month for 7 months and \$7 per month for 5 months.	
1 corn and wheat region and river observer, \$15 per month for 6 months and \$7 per month for 6 months.	1 corn and wheat region and river observer, \$15 per month for 6 months and \$7 per month for 6 months.	
1 corn and wheat region and river observer, \$13 per month for 3 months, \$7.50 per month for 3 months, and \$7 per month for 4 months.	1 corn and wheat region and river observer, \$13 per month for 3 months, \$7.50 per month for 3 months, and \$7 per month for 4 months.	
1 corn and wheat region and river observer, \$12.50 per month for 4 months and \$7.50 per month for 2 months.	1 corn and wheat region and river observer, \$12.50 per month for 4 months and \$7.50 per month for 2 months.	
1 corn and wheat region and river observer, \$11 per month for 3 months and \$7.50 per month for 4 months.	1 corn and wheat region and river observer, \$11 per month for 3 months and \$7.50 per month for 4 months.	
1 special meteorological observer and storm warning displayman, \$25 per month for 5 months and \$7 per month for 7 months.	1 special meteorological observer and storm warning displayman, \$25 per month for 5 months and \$7 per month for 7 months.	
1 special meteorological observer and storm warning displayman, \$20 per month for 5 months and \$15 per month for 7 months.	1 special meteorological observer and storm warning displayman, \$20 per month for 5 months and \$15 per month for 7 months.	
1 special river observer and storm warning displayman, \$15 per month (12 months).	1 special river observer and storm warning displayman, \$15 per month (12 months).	
1 special displayman, \$25 per month (12 months).	1 special displayman, \$25 per month (12 months).	
3 storm warning displaymen, at \$23 each per month (12 months).	2 storm warning displaymen, at \$25 each per month (12 months).	
1 storm warning displayman, \$20 per month (12 months).	1 storm warning displayman, \$20 per month (12 months).	
2 storm warning displaymen, at \$20 each per month (9 months).	2 storm warning displaymen, at \$20 each per month (9 months).	
1 storm warning displayman, \$18 per month (12 months).	1 storm warning displayman, \$18 per month (12 months).	
8 storm warning displaymen, at \$15 each per month (12 months).	8 storm warning displaymen, at \$15 each per month (12 months).	
5 storm warning displaymen, at \$15 each per month (9 months).	5 storm warning displaymen, at \$15 each per month (9 months).	
1 storm warning displayman, \$14.25 per month (12 months).	1 storm warning displayman, \$14.25 per month (12 months).	
4 storm warning displaymen, at \$14 each per month (12 months).	4 storm warning displaymen, at \$14 each per month (12 months).	
2 storm warning displaymen, at \$12.50 each per month (12 months).	2 storm warning displaymen, at \$12.50 each per month (12 months).	
5 storm warning displaymen, at \$12 each per month (12 months).	5 storm warning displaymen, at \$12 each per month (12 months).	
2 storm warning displaymen, at \$12 each per month (9 months).	2 storm warning displaymen, at \$12 each per month (9 months).	
1 storm warning displayman, \$11 per month (12 months).	1 storm warning displayman, \$11 per month (12 months).	
1 storm warning displayman, \$11 per month (9 months).	1 storm warning displayman, \$11 per month (9 months).	
2 storm warning displaymen, at \$10.50 each per month (12 months).	2 storm warning displaymen, at \$10.50 each per month (12 months).	
1 storm warning displayman, \$12 per month (6 months).	1 storm warning displayman, \$12 per month (6 months).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Special observations and reports, 1916, \$127,170.	Investigations and substations, 1914, \$120,000 (less \$6,000 by transfer to other lump funds, and \$125 for central office expenses; net amount, \$113,875).	
Out of Washington—Continued.	Out of Washington—Continued.	
2 storm warning displaymen, at \$10.25 each per month (9 months).	2 storm warning displaymen, at \$10.25 each per month (9 months).	
40 storm warning displaymen, at \$10 each per month (12 months).	39 storm warning displaymen, at \$10 each per month (12 months).	
52 storm warning displaymen, at \$10 each per month (9 months).	52 storm warning displaymen, at \$10 each per month (9 months).	
1 storm warning displayman, \$10 per month for 6 months and \$6 per month for 6 months.	1 storm warning displayman, \$10 per month for 6 months and \$6 per month for 6 months.	
1 storm warning displayman, \$10 per month (6 months).	1 storm warning displayman, \$10 per month (6 months).	
1 storm warning displayman, \$9.25 per month (12 months).	1 storm warning displayman, \$9.25 per month (12 months).	
10 storm warning displaymen, at \$9 each per month (9 months).	9 storm warning displaymen, at \$9 each per month (9 months).	
4 storm warning displaymen, at \$8 each per month (12 months).	4 storm warning displaymen, at \$8 each per month (12 months).	
2 storm warning displaymen, at \$8 each per month (9 months).	2 storm warning displaymen, at \$8 each per month (9 months).	
1 storm warning displayman, \$7.75 per month (12 months).	1 storm warning displayman, \$7.75 per month (12 months).	
4 storm warning displaymen, at \$7 each per month (12 months).	4 storm warning displaymen, at \$7 each per month (12 months).	
1 storm warning displayman, \$6 per month (12 months).	1 storm warning displayman, \$6 per month (12 months).	
2 storm warning displaymen, at \$6 each per month (9 months).	2 storm warning displaymen, at \$6 each per month (9 months).	
1 storm warning displayman, \$5.25 per month (12 months).	1 storm warning displayman, \$5.25 per month (12 months).	
30 storm warning displaymen, at \$5 each per month (12 months).	27 storm warning displaymen, at \$5 each per month (12 months).	
2 storm warning displaymen, at \$5 each per month (9 months).	2 storm warning displaymen, at \$5 each per month (9 months).	
2 storm warning displaymen, at \$4 each per month (12 months).	2 storm warning displaymen, at \$4 each per month (12 months).	
1 storm warning displayman, \$2.25 per month (12 months).	1 storm warning displayman, \$2.25 per month (12 months).	
1 river observer, \$25 per month (12 months).	1 river observer, \$25 per month (12 months).	
5 river observers, at \$16 each per month (12 months).	5 river observers, at \$16 each per month (12 months).	
4 river observers, at \$15 each per month (12 months).	3 river observers, at \$15 each per month (12 months).	
1 river observer, \$15 per month (9 months).	1 river observer, \$15 per month (9 months).	
2 river observers, at \$13.50 each per month (12 months).	2 river observers, at \$13.50 each per month (12 months).	
3 river observers, at \$12.50 each per month (12 months).	3 river observers, at \$12.50 each per month (12 months).	
1 river observer, \$12.50 per month (5 months).	1 river observer, \$12.50 per month (5 months).	
2 river observers, at \$11 each per month (12 months).	2 river observers, at \$11 each per month (12 months).	
92 river observers, at \$10 each per month (12 months).	89 river observers, at \$10 each per month (12 months).	
2 river observers, at \$10 each per month (9 months).	2 river observers, at \$10 each per month (9 months).	
1 river observer, \$10 per month for 6 months and \$15 per month for 6 months.	1 river observer, \$10 per month for 6 months and \$15 per month for 6 months.	
1 river observer, \$11 per month for 10 months and \$10 per month for 2 months.	1 river observer, \$11 per month for 10 months and \$10 per month for 2 months.	
3 river observers, at \$10 each per month (6 months).	3 river observers, at \$10 each per month (6 months).	
1 river observer, \$10 per month for 5 months and \$7 per month for 7 months.	1 river observer, \$10 per month for 5 months and \$7 per month for 7 months.	
1 river observer, \$10 per month (5 months).	1 river observer, \$10 per month (5 months).	
2 river observers, at \$10 each per month for 2 months and \$13 each per month for 6 months.	2 river observers, at \$10 each per month for 2 months and \$13 each per month for 6 months.	
1 river observer, \$10 per month for 5 months and \$7 per month for 3 months.	1 river observer, \$10 per month for 5 months and \$7 per month for 3 months.	
5 river observers, at \$10 each per month for 8 months.	5 river observers, at \$10 each per month (8 months).	
25 river observers, at \$10 each per month (7 months).	24 river observers, at \$10 each per month (7 months).	
11 river observers, at \$10 each per month for 7 months, and \$7 each per month for 5 months.	11 river observers, at \$10 each per month for 7 months, and \$7 each per month for 5 months.	
1 river observer, \$10 per month for 4½ months, and \$7 per month for 7½ months.	1 river observer, \$10 per month for 4½ months, and \$7 per month for 7½ months.	
1 river observer, \$10 per month (7½ months).	1 river observer, \$10 per month (7½ months).	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Special observations and reports, 1916, \$127,170.	Investigations and substations, 1914, \$120,000 (less \$6,000 by transfer to other lump funds, and \$125 for central office expenses; net amount, \$113,875).	
<p>Out of Washington—Continued.</p> <p>1 river observer, \$10 per month for 6 months, and \$7 per month for 6 months.</p> <p>1 river observer, \$10 per month (4 months).</p> <p>1 river observer, \$9.50 per month (12 months).</p> <p>1 river observer, \$9 per month (12 months).</p> <p>2 river observers, at \$10 each per month for 6 months, and \$7 per month for 6 months.</p> <p>1 river observer, \$10 per month for 8 months, and \$7 per month for 4 months.</p> <p>2 river observers, at \$7.50 each per month (12 months).</p> <p>3 river observers, at \$7.50 each per month (9 months).</p> <p>1 river observer, \$10 per month for 4 months, and \$7 per month for 8 months.</p> <p>1 river observer, \$10 per month for 6 months, and \$7 per month for 2 months.</p> <p>70 river observers, at \$7 each per month (12 months).</p> <p>1 river observer, \$7 per month for 6 months, and \$4 per month for 6 months.</p> <p>5 river observers, at \$7 each per month (7½ months).</p> <p>13 river observers, at \$7 each per month (7 months).</p> <p>1 river observer, \$7 per month for 6 months and \$5 per month for 6 months.</p> <p>15 river observers, at \$7 each per month (6 months).</p> <p>1 river observer, \$7 per month (5 months).</p> <p>21 river observers, at \$7 each per month (4 months).</p> <p>1 river observer, \$7 per month (4½ months).</p> <p>1 river observer, \$7.50 per month (5 months).</p> <p>17 river observers, at \$7 per month each (3 months).</p> <p>1 river observer, \$6 per month (12 months).</p> <p>2 river observers, at \$6 each per month (4 months).</p> <p>2 river observers, at \$6 each per month (3 months).</p> <p>10 river observers, at \$5 each per month (6 months).</p> <p>1 river observer, \$5 per month (2 months).</p> <p>15 river observers, at \$5 each per month (12 months).</p> <p>8 river observers, at \$5 each per month (4 months).</p> <p>4 river observers, at \$5 each per month (8 months).</p> <p>5 river observers, at \$5 each per month for 6 months, and \$3 each per month for 6 months.</p> <p>3 river observers, at \$5 each per month for 6 months, and \$2.50 each per month for 6 months.</p> <p>1 river observer, \$5 per month (9 months).</p> <p>6 river observers, at \$5 each per month (3 months).</p> <p>5 river observers, at \$4 each per month (12 months).</p> <p>1 river observer, \$4 per month (3 months).</p> <p>4 river observers, at \$3 each per month (12 months).</p> <p>1 river observer, \$3 per month for 4 months, and \$1 per month for 8 months.</p> <p>2 river observers, at \$2 each per month (12 months).</p> <p>1 river observer, \$1 per month (12 months).</p>	<p>Out of Washington—Continued.</p> <p>1 river observer, \$10 per month for 6 months, and \$7 per month for 6 months.</p> <p>1 river observer, \$10 per month (4 months).</p> <p>1 river observer, \$9.50 per month (12 months).</p> <p>1 river observer, \$9 per month (12 months).</p> <p>2 river observers, at \$10 each per month for 6 months, and \$7 per month for 6 months.</p> <p>1 river observer, \$10 per month for 8 months, and \$7 per month for 4 months.</p> <p>2 river observers, at \$7.50 each per month (12 months).</p> <p>3 river observers, at \$7.50 each per month (9 months).</p> <p>1 river observer, \$10 per month for 4 months, and \$7 per month for 8 months.</p> <p>1 river observer, \$10 per month for 6 months, and \$7 per month for 2 months.</p> <p>67 river observers, at \$7 each per month (12 months).</p> <p>1 river observer, \$7 per month for 6 months, and \$4 per month for 6 months.</p> <p>5 river observers, at \$7 each per month (7½ months).</p> <p>13 river observers, at \$7 each per month (7 months).</p> <p>1 river observer, \$7 per month for 6 months and \$5 per month for 6 months.</p> <p>14 river observers, at \$7 each per month (6 months).</p> <p>1 river observer, \$7 per month (5 months).</p> <p>21 river observers, at \$7 each per month (4 months).</p> <p>1 river observer, \$7 per month (4½ months).</p> <p>1 river observer, \$7.50 per month (5 months).</p> <p>17 river observers, at \$7 each per month (3 months).</p> <p>1 river observer, \$6 per month (12 months).</p> <p>2 river observers, at \$6 each per month (4 months).</p> <p>2 river observers, at \$6 each per month (3 months).</p> <p>10 river observers, at \$5 each per month (6 months).</p> <p>1 river observer, \$5 per month (2 months).</p> <p>14 river observers, at \$5 each per month (12 months).</p> <p>8 river observers, at \$5 each per month (4 months).</p> <p>4 river observers, at \$5 each per month (8 months).</p> <p>5 river observers, at \$5 each per month for 6 months, and \$3 each per month for 6 months.</p> <p>3 river observers, at \$5 each per month for 6 months, and \$2.50 each per month for 6 months.</p> <p>1 river observer, \$5 per month (9 months).</p> <p>6 river observers, at \$5 each per month (3 months).</p> <p>5 river observers, at \$4 each per month (12 months).</p> <p>1 river observer, \$4 per month (3 months).</p> <p>4 river observers, at \$3 each per month (12 months).</p> <p>1 river observer, \$3 per month for 4 months, and \$1 per month for 8 months.</p> <p>2 river observers, at \$2 each per month (12 months).</p> <p>1 river observer, \$1 per month (12 months).</p>	



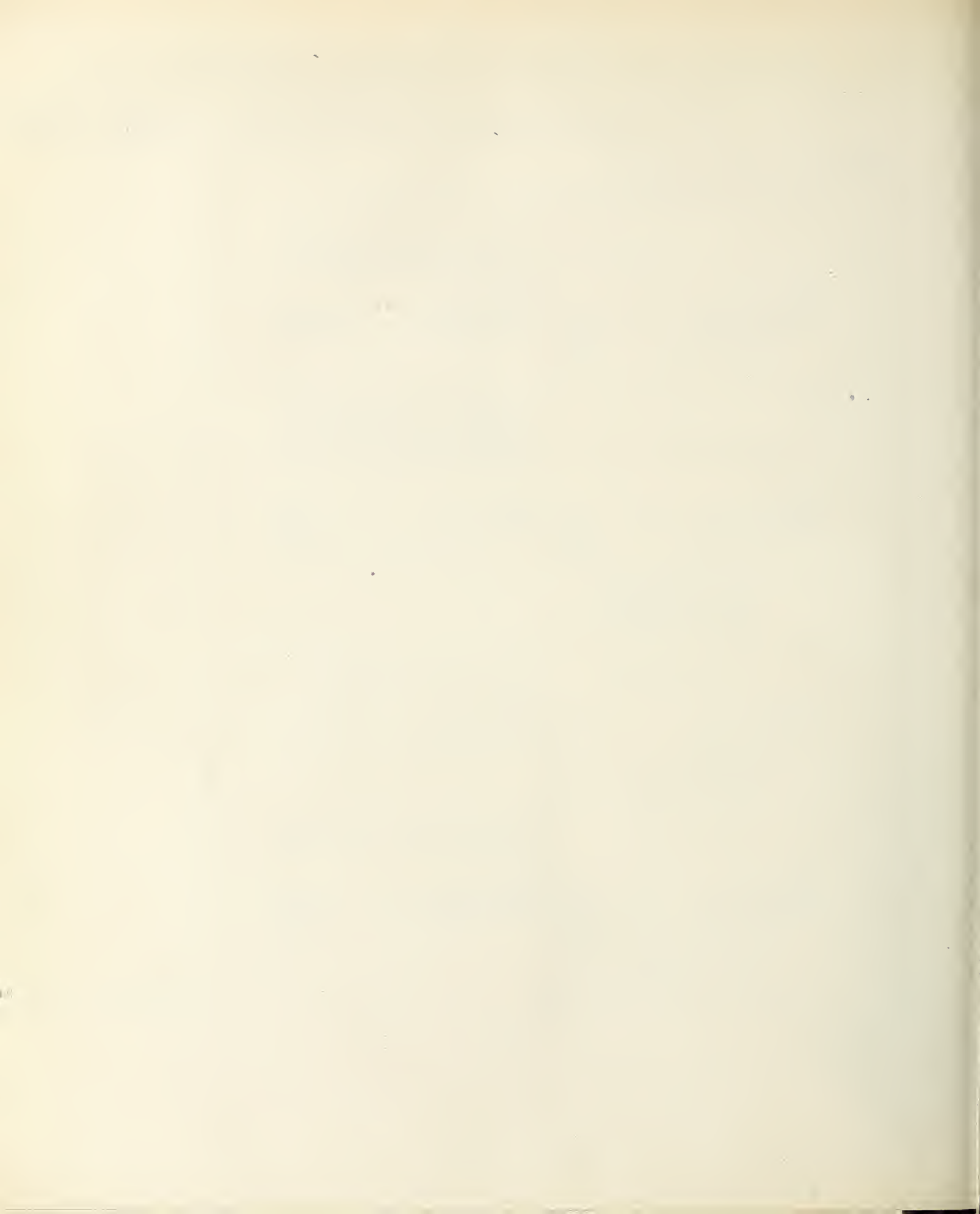
Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Weather Bureau—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Special observations and reports, 1916, \$127,170.	Investigations and substations, 1914, \$120,000 (less \$6,000 by transfer to other lump funds, and \$125 for central office expenses; net amount, \$113,875).	
Out of Washington—Continued.	Out of Washington—Continued.	
2 mountain snowfall observers, at \$10 each per month (12 months).	2 mountain snowfall observers, at \$10 each per month (12 months).	
60 mountain snowfall observers, at \$10 each per month (6 months).	57 mountain snowfall observers, at \$10 each per month (6 months).	
1 mountain snowfall observer, \$10 per month (4 months).	1 mountain snowfall observer, \$10 per month (4 months).	
1 mountain snowfall observer, \$10 per month for 3 months, and \$5 per month for 9 months.	1 mountain snowfall observer, \$10 per month for 3 months, and \$5 per month for 9 months.	
1 mountain snowfall observer, \$9 per month (6 months).	1 mountain snowfall observer, \$9 per month (6 months).	
3 mountain snowfall observers, at \$7.50 each per month (8 months).	3 mountain snowfall observers, at \$7.50 each per month (8 months).	
75 mountain snowfall observers, at \$7 each per month for 6 months, and \$3 per month for 6 months.	73 mountain snowfall observers, at \$7 each per month for 6 months, and \$3 per month for 6 months.	
4 mountain snowfall observers, at \$7 each per month (6 months).	4 mountain snowfall observers, at \$7 each per month (6 months).	
1 mountain snowfall observer, \$6 per month for 8 months, and \$3 per month for 4 months.	1 mountain snowfall observer, \$6 per month for 8 months, and \$3 per month for 4 months.	
3 mountain snowfall observers, at \$6 each per month for 6 months, and \$3 each per month for 6 months.	3 mountain snowfall observers, at \$6 each per month for 6 months, and \$3 each per month for 6 months.	
10 mountain snowfall observers, at \$5 each per month (12 months).	8 mountain snowfall observers, at \$5 each per month (12 months).	
2 mountain snowfall observers, at \$5 each per month (7 months).	2 mountain snowfall observers, at \$5 each per month (7 months).	
12 mountain snowfall observers, at \$5 each per month for 6 months, and \$3 each per month for 6 months.	12 mountain snowfall observers, at \$5 each per month for 6 months, and \$3 each per month for 6 months.	
3 mountain snowfall observers, at \$5 each per month (6 months).	3 mountain snowfall observers, at \$5 each per month (6 months).	
1 mountain snowfall observer, \$3 per month (12 months).	1 mountain snowfall observer, \$3 per month (12 months).	
2 mountain snowfall observers, at \$3 each per month (8 months).	2 mountain snowfall observers, at \$3 each per month (8 months).	
5 mountain snowfall observers, at \$2.50 each per month (12 months).	5 mountain snowfall observers, at \$2.50 each per month (12 months).	
7 mountain snowfall observers, at \$2 each per month (12 months).	7 mountain snowfall observers, at \$2 each per month (12 months).	
25 rainfall observers, at \$4 each per month (12 months).	25 rainfall observers, at \$4 each per month (12 months).	
1 rainfall observer, \$4 per month for 5 months, and \$6 per month for 1 month.	1 rainfall observer, \$4 per month for 5 months, and \$6 per month for 1 month.	
4 rainfall observers, at \$4 each per month (6 months).	4 rainfall observers, at \$4 each per month (6 months).	
5 rainfall observers, at \$3 each per month (12 months).	5 rainfall observers, at \$3 each per month (12 months).	
136 corn and wheat region observers, at 25 cents per observation, from Apr. 1 to Sept. 30.	134 corn and wheat region observers, at 25 cents per observation, from Apr. 1 to Sept. 30.	
17 corn and wheat region and river observers, at 25 cents per observation, from Apr. 1 to Sept. 30.	17 corn and wheat region and river observers, at 25 cents per observation, from Apr. 1 to Sept. 30.	
6 special meteorological observers, at 25 cents per observation.	6 special meteorological observers, at 25 cents per observation.	
1 special meteorological and cotton region observer, at 25 cents per observation.	1 special meteorological and cotton region observer, at 25 cents per observation.	
112 cotton region observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	111 cotton region observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	
10 cotton region and rainfall observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	10 cotton region and rainfall observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	
1 cotton region and river observer, at 25 cents per observation, from Apr. 16 to Oct. 31.	1 cotton region and river observer, at 25 cents per observation, from Apr. 16 to Oct. 31.	
7 sugar and rice region observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	7 sugar and rice region observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	
12 cattle region observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	12 cattle region observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	
3 broom-corn region observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	3 broom-corn region observers, at 25 cents per observation, from Apr. 16 to Oct. 31.	
Traveling expenses..... \$200.00	Traveling expenses..... \$157.34	
Supplies and equipment..... 4,500.00	Supplies and equipment..... 1,902.13	
Miscellaneous expenses..... 10,470.00	Miscellaneous expenses..... 3,523.26	
Total estimate, 1916..... 127,170.00	Total expenditures, 1914..... 108,543.89	
Total appropriation, 1915..... 120,000.00		
Increase..... 7,170.00		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Weather Bureau—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Telephoning and telegraphing, 1916, \$285,000.	Telephoning and telegraphing, 1914, \$306,000 (less \$7,675 by transfer to other lump funds, and \$61,000 for central office expenses; net amount, \$237,325).		
Salaries.....	Salaries.....		
Traveling expenses.....	Traveling expenses.....		
Supplies and equipment.....	Supplies and equipment.....		
Miscellaneous expenses..... \$285,000.00	Miscellaneous expenses..... \$229,966.57		
Total estimate, 1916..... 285,000.00	Total expenditures, 1914..... 229,966.57		
Total appropriation, 1915..... 275,000.00			
Increase..... 10,000.00			
Miscellaneous station expenses, 1916, \$205,020.	Miscellaneous expenses, 1914, \$106,500, and \$10,000 by transfer from other lump funds; total, \$116,500 (including \$2,780 for central office expenses). Instruments, etc., 1914, \$43,500, and \$1,000 from traveling expenses; total, \$44,500 (including \$1,000 for central office expenses). Rents and repairs, 1914, \$100,000; line and cable repairs, 1914, \$4,000; total, \$201,220.		
Salaries.....	Salaries.....		
Traveling expenses..... \$750.00	Traveling expenses..... \$687.25		
Supplies and equipment..... 84,120.00	Supplies and equipment..... 118,090.57		
Miscellaneous expenses..... 120,150.00	Miscellaneous expenses..... 138,431.11		
Total estimate, 1916..... 205,020.00	Total expenditures, 1914..... 257,208.93		
Total appropriation, 1915..... 173,000.00			
Increase (by transfer of \$ 12,000 from lump fund for printing office, \$6,000 from traveling expenses, and \$8,750 from central office expenses, making the actual increase \$5,270)..... 32,020.00			
Traveling expenses, 1916, \$24,000.	Traveling expenses, 1914, \$24,500 (less \$2,000 by transfer to other lump funds; net amount, \$22,500).		
Salaries.....	Salaries.....		
Traveling expenses..... \$24,000.00	Traveling expenses..... \$17,517.34		
Supplies and equipment.....	Supplies and equipment.....		
Miscellaneous expenses.....	Miscellaneous expenses.....		
Total estimate, 1916..... 24,000.00	Total expenditures, 1914..... 17,517.34		
Total appropriation, 1915..... 30,000.00			
Decrease (by transfer to lump fund for central office expenses)..... 6,000.00			
Printing office, 1916, \$14,000.	Printing office, 1914, \$16,750, and \$1,675 by transfer from lump fund for telephoning and telegraphing; total, \$18,425.		
Salaries.....	Salaries.....		
Traveling expenses.....	Traveling expenses.....		
Supplies and equipment..... \$11,500.00	Supplies and equipment..... \$16,106.12		
Miscellaneous expenses..... 2,500.00	Miscellaneous expenses..... 2,104.40		
Total estimate, 1916..... 14,000.00	Total expenditures, 1914..... 18,210.52		
Total appropriation, 1915..... 26,000.00			
Decrease (by transfer to lump fund for central office expenses)..... 12,000.00			
Total for Weather Bureau (increase \$36,480).....		\$1,703,750.00	\$1,667,270.00

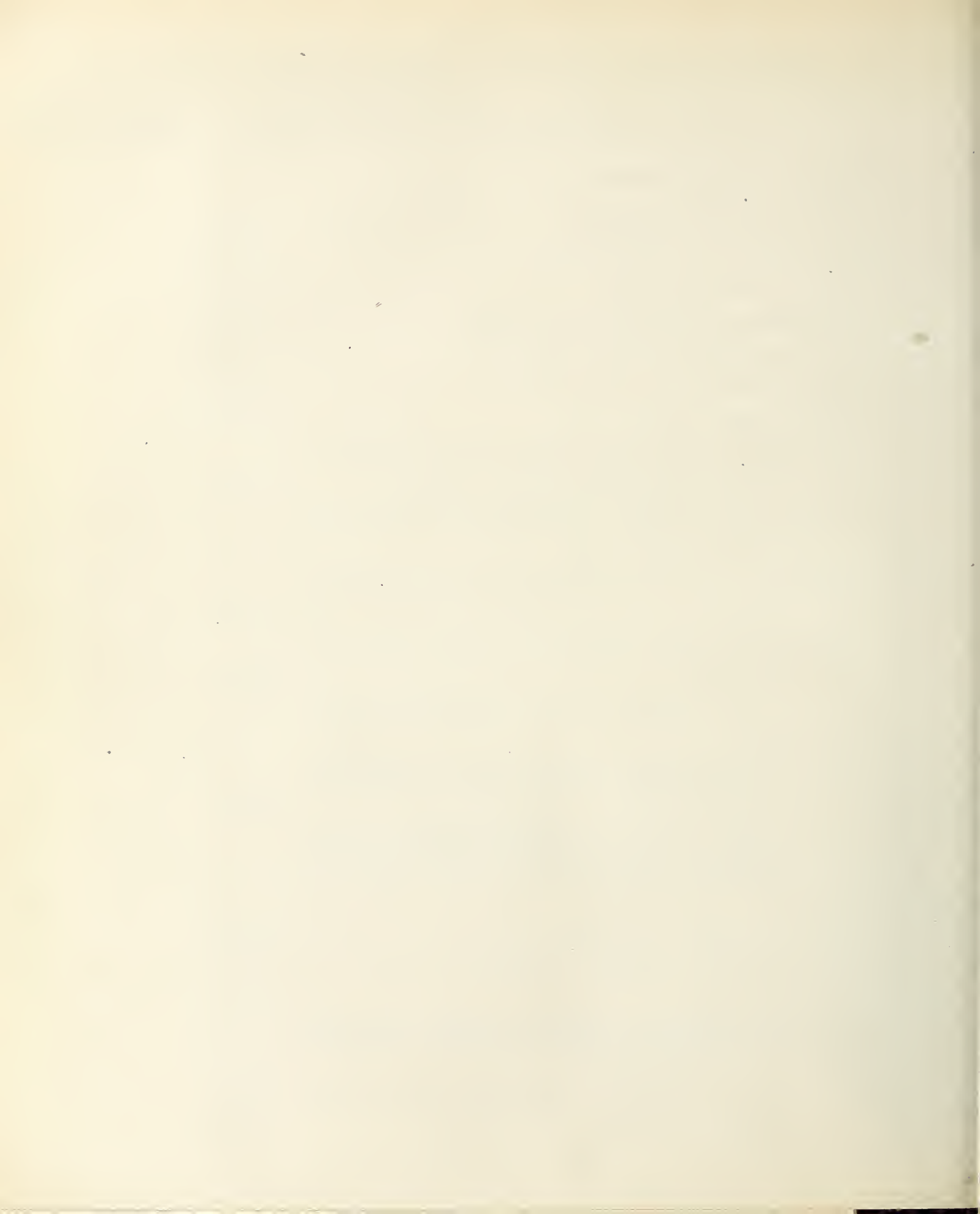


Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
BUREAU OF ANIMAL INDUSTRY.		
<i>Salaries, Bureau of Animal Industry—</i>		
(1) One chief of bureau (<i>R. S.</i> , p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 418, sec. 1)	\$5,000.00	
(2) One chief clerk (<i>same acts</i>)	2,500.00	
(3) One editor and compiler (<i>same acts</i>)	2,250.00	
(4) Six clerks, class 4 (<i>same acts</i>)	10,800.00	
(5) One clerk (<i>same acts</i>)	1,680.00	
(6) Thirteen clerks, class 3 (<i>same acts</i>)	20,800.00	
(7) Two clerks, at \$1,500 each (<i>same acts</i>)	3,000.00	
(8) Twenty-three clerks, class 2 (<i>same acts</i>)	32,200.00	
(9) Two clerks, at \$1,380 each (<i>same acts</i>)	2,760.00	
(10) Three clerks, at \$1,320 each (<i>same acts</i>)	3,960.00	
(11) One clerk (<i>same acts</i>)	1,300.00	
(12) One clerk (<i>same acts</i>)	1,260.00	
(13) Forty-two clerks, class 1 (increase of 3 by transfer from lump funds for dairy industry, eradication of ticks, and inspection and quarantine) (<i>same acts</i>)	50,400.00	
(14) One clerk (<i>same acts</i>)	1,100.00	
(15) One clerk (<i>same acts</i>)	1,080.00	
(16) Fifty clerks, at \$1,000 each (<i>same acts</i>)	50,000.00	
(17) Two clerks, at \$960 each (<i>same acts</i>)	1,920.00	
(18) Sixty-five clerks, at \$900 each (increase of 1 by transfer from lump fund for inspection and quarantine) (<i>same acts</i>)	58,500.00	
(19) One architect (<i>same acts</i>)	2,000.00	
(20) One architect (<i>same acts</i>)	900.00	
(21) One illustrator (<i>same acts</i>)	1,400.00	
(22) One laboratory helper (by transfer from lump fund for dairy industry) (<i>same acts</i>)	1,200.00	
(23) One laboratory helper (<i>same acts</i>)	1,020.00	
(24) Two laboratory helpers, at \$840 each (<i>same acts</i>)	1,680.00	
(25) One laboratory helper (<i>same acts</i>)	720.00	
(26) One laboratory helper (<i>same acts</i>)	600.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Bureau of Animal Industry—Continued.</i>		
(27) One laboratory helper (<i>R. S.</i> , p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 418, sec. 1.) -----	\$480. 00	
(28) One instrument maker (<i>same acts</i>) -----	1, 200. 00	
(29) One carpenter (<i>same acts</i>) -----	1, 100. 00	
(30) Two carpenters, at \$1,000 each (<i>same acts</i>) -----	2, 000. 00	
(31) One messenger and custodian (<i>same acts</i>) -----	1, 200. 00	
(32) One messenger and custodian (<i>same acts</i>) -----	1, 000. 00	
(33) One skilled laborer (<i>same acts</i>) -----	1, 000. 00	
(34) Thirty-two skilled laborers, at \$900 each (decrease of 1 by transfer to statutory roll of Secretary's office, with change of title to carpenter or cabinetmaker, at same salary) (<i>same acts</i>) -----	28, 800. 00	
NOTE.—Two skilled laborers, at \$840 each, and 3 skilled laborers, at \$720 each, have been omitted. Consolidated with places below at same salaries in each case, but change made in title.		
(35) Eleven messengers, skilled laborers, or laborers, at \$840 each (increase of 2, in lieu of 2 skilled laborers, at \$840 each, as above) (<i>same acts</i>) -----	9, 240. 00	
(36) Thirteen messengers, skilled laborers, or laborers, at \$720 each (increase of 3, in lieu of 3 skilled laborers, at \$720 each, as above) (<i>same acts</i>) -----	9, 360. 00	
NOTE.—Two messengers, skilled laborers, or laborers, at \$660 each, have been omitted. Consolidated with places below at same salaries, but change made in title.		
(37) Four laborers, messengers, or messenger boys, at \$660 each (2 new places submitted and 2 in lieu of 2 messengers, skilled laborers, or laborers at same salary, as above) (<i>same acts</i>) -----	2, 640. 00	
NOTE.—Two additional laborers, messengers, or messenger boys, at \$660 each, are urgently recommended for the Bethesda experiment station, as the work at that station has increased greatly during the past year; it will also provide for a readjustment of salaries, which is necessary to maintain the efficiency of the organization.		
(38) Eleven laborers, messengers, or messenger boys, at \$600 each (<i>same acts</i>) -----	6, 600. 00	
(39) Three laborers, messengers, or messenger boys, at \$540 each (<i>same acts</i>) -----	1, 620. 00	
(40) Thirty-three laborers, messengers, or messenger boys, at \$480 each (increase of 1 by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>) -----	15, 840. 00	
(41) Six laborers, messengers, or messenger boys, at \$360 each (<i>same acts</i>) -----	2, 160. 00	
(42) One watchman (<i>same acts</i>) -----	720. 00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.																																								
<i>Salaries, Bureau of Animal Industry—Continued.</i>																																											
(43)	One charwoman (<i>R. S.</i> , p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 418, sec. 1)	\$600. 00																																									
(44)	One charwoman (<i>same acts</i>)	540. 00																																									
(45)	Eleven charwomen, at \$480 each (<i>same acts</i>)	5, 280. 00																																									
(46)	Four charwomen, at \$360 each (<i>same acts</i>)	1, 440. 00																																									
(47)	One charwoman (<i>same acts</i>)	300. 00																																									
(48)	Two charwomen, at \$240 each (<i>same acts</i>)	480. 00																																									
		\$353. 630. 00	\$347,030. 00																																								
<table border="0"> <tr> <td>Appropriations for 1906.....</td><td>\$83, 480</td> <td>Estimates for 1907.....</td><td>\$82, 980</td> </tr> <tr> <td>Appropriations for 1907.....</td><td>84, 780</td> <td>Estimates for 1908.....</td><td>85, 280</td> </tr> <tr> <td>Appropriations for 1908.....</td><td>85, 280</td> <td>Estimates for 1909.....</td><td>84, 210</td> </tr> <tr> <td>Appropriations for 1909.....</td><td>83, 660</td> <td>Estimates for 1910.....</td><td>115, 100</td> </tr> <tr> <td>Appropriations for 1910.....</td><td>114, 100</td> <td>Estimates for 1911.....</td><td>115, 920</td> </tr> <tr> <td>Appropriations for 1911.....</td><td>115, 920</td> <td>Estimates for 1912.....</td><td>494, 070</td> </tr> <tr> <td>Appropriations for 1912.....</td><td>347, 450</td> <td>Estimates for 1913.....</td><td>360, 430</td> </tr> <tr> <td>Appropriations for 1913.....</td><td>352, 450</td> <td>Estimates for 1914.....</td><td>361, 500</td> </tr> <tr> <td>Appropriations for 1914.....</td><td>359, 250</td> <td>Estimates for 1915.....</td><td>352, 410</td> </tr> <tr> <td>Appropriations for 1915.....</td><td>347, 030</td> <td>Estimates for 1916.....</td><td>353, 630</td> </tr> </table>				Appropriations for 1906.....	\$83, 480	Estimates for 1907.....	\$82, 980	Appropriations for 1907.....	84, 780	Estimates for 1908.....	85, 280	Appropriations for 1908.....	85, 280	Estimates for 1909.....	84, 210	Appropriations for 1909.....	83, 660	Estimates for 1910.....	115, 100	Appropriations for 1910.....	114, 100	Estimates for 1911.....	115, 920	Appropriations for 1911.....	115, 920	Estimates for 1912.....	494, 070	Appropriations for 1912.....	347, 450	Estimates for 1913.....	360, 430	Appropriations for 1913.....	352, 450	Estimates for 1914.....	361, 500	Appropriations for 1914.....	359, 250	Estimates for 1915.....	352, 410	Appropriations for 1915.....	347, 030	Estimates for 1916.....	353, 630
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Appropriations for 1915.....	347, 030	Estimates for 1916.....	353, 630																																								
NOTE.—Apparent increase, \$6,600; actual increase, \$1,320, as follows:																																											
<i>New places.</i>																																											
2 laborers, messengers, or messenger boys, at \$660 each.....		\$1, 320																																									
Actual increase.....			\$1, 320																																								
<i>Transfers from lump-fund rolls of this bureau, which rolls have been correspondingly reduced.</i>																																											
3 clerks, class 1, from dairy industry, eradicating cattle ticks, and inspection and quarantine.....		\$3, 600																																									
1 clerk, from inspection and quarantine.....		900																																									
1 laboratory helper, from dairy industry.....		1, 200																																									
		\$5, 700																																									
<i>Transfer from statutory roll of Bureau of Plant Industry</i>																																											
1 laborer, messenger, or messenger boy.....		480																																									
		6, 180																																									
<i>Transfer to statutory roll of Office of Secretary.</i>																																											
1 skilled laborer (change of title to carpenter or cabinetmaker).....		900																																									
		5, 280																																									
Apparent increase.....			6, 600																																								
<i>Change of title.</i>																																											
2 skilled laborers, at \$840 each, changed to 2 messengers, skilled laborers, or laborers, at \$840 each.																																											
3 skilled laborers, at \$720 each, changed to 3 messengers, skilled laborers, or laborers, at \$720 each.																																											
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<i>General Expenses, Bureau of Animal Industry—</i>																																											
(49)	For carrying out the provisions of the act approved May 29, 1884, establishing a Bureau of Animal Industry, and the provisions of the act approved Mar. 3, 1891, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the act approved Aug. 30, 1890, providing for the importation of animals into the United States, and for other purposes; and the provisions of the act of May 9, 1902, extending the inspection of meats to process																																										



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<p>butter, and providing for the inspection of factories, marking of packages, etc.; and the provisions of the act approved Feb. 2, 1903, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the act approved Mar. 3, 1905, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes [: <i>Provided</i>, That hereafter all the provisions of the said act approved Mar. 3, 1905, shall apply to any railroad company or other common carrier whose road or line forms any part of a route over which cattle or other live stock are transported in the course of shipment from any quarantined State or Territory or the District of Columbia, or from the quarantined portion of any State or Territory or the District of Columbia, into any other State or Territory or the District of Columbia]; and for carrying out the provisions of the act of June 29, 1906, entitled "An act to prevent cruelty to animals while in transit by railroad or other means of transportation;" and for carrying out the provisions of the act approved Mar. 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live-stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:</p>		
<p>NOTE.—The proviso in brackets should be omitted, as it is permanent legislation.</p>		
<p>(50) For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the 28-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the alteration of buildings thereon; the inspection work relative to the existence of contagious diseases, and the tuberculin and mallein testing of animals [\$625,520, of which sum not more than \$3,000 may be used for the construction of a superintendent's house on the ground of the United States animal quarantine station for the port of Boston, at Littleton, Mass.] (acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; June 30, 1914, vol. 38, pp. 418-420, sec. 1) -----</p>	\$607,780.00	

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

Name	Address
Mr. A. B. C.	123 Main St., New York, N. Y.
Mr. D. E. F.	456 Broadway, New York, N. Y.
Mr. G. H. I.	789 Fifth Ave., New York, N. Y.
Mr. J. K. L.	1010 Third St., New York, N. Y.
Mr. M. N. O.	1111 Second St., New York, N. Y.
Mr. P. Q. R.	1212 First St., New York, N. Y.
Mr. S. T. U.	1313 Fourth St., New York, N. Y.
Mr. V. W. X.	1414 Sixth St., New York, N. Y.
Mr. Y. Z. A.	1515 Eighth St., New York, N. Y.
Mr. B. C. D.	1616 Tenth St., New York, N. Y.
Mr. E. F. G.	1717 Twelfth St., New York, N. Y.
Mr. H. I. J.	1818 Fourteenth St., New York, N. Y.
Mr. K. L. M.	1919 Sixteenth St., New York, N. Y.
Mr. N. O. P.	2020 Eighteenth St., New York, N. Y.
Mr. Q. R. S.	2121 Twentieth St., New York, N. Y.
Mr. T. U. V.	2222 Twenty-second St., New York, N. Y.
Mr. W. X. Y.	2323 Twenty-fourth St., New York, N. Y.
Mr. Z. A. B.	2424 Twenty-sixth St., New York, N. Y.
Mr. C. D. E.	2525 Twenty-eighth St., New York, N. Y.
Mr. F. G. H.	2626 Thirtieth St., New York, N. Y.
Mr. I. J. K.	2727 Thirty-second St., New York, N. Y.
Mr. L. M. N.	2828 Thirty-fourth St., New York, N. Y.
Mr. O. P. Q.	2929 Thirty-sixth St., New York, N. Y.
Mr. R. S. T.	3030 Thirty-eighth St., New York, N. Y.
Mr. U. V. W.	3131 Fortieth St., New York, N. Y.
Mr. X. Y. Z.	3232 Forty-second St., New York, N. Y.
Mr. A. B. C.	3333 Forty-fourth St., New York, N. Y.
Mr. D. E. F.	3434 Forty-sixth St., New York, N. Y.
Mr. G. H. I.	3535 Forty-eighth St., New York, N. Y.
Mr. J. K. L.	3636 Fiftieth St., New York, N. Y.
Mr. M. N. O.	3737 Fifty-second St., New York, N. Y.
Mr. P. Q. R.	3838 Fifty-fourth St., New York, N. Y.
Mr. S. T. U.	3939 Fifty-sixth St., New York, N. Y.
Mr. V. W. X.	4040 Fifty-eighth St., New York, N. Y.
Mr. Y. Z. A.	4141 Sixtieth St., New York, N. Y.
Mr. B. C. D.	4242 Sixty-second St., New York, N. Y.
Mr. E. F. G.	4343 Sixty-fourth St., New York, N. Y.
Mr. H. I. J.	4444 Sixty-sixth St., New York, N. Y.
Mr. K. L. M.	4545 Sixty-eighth St., New York, N. Y.
Mr. N. O. P.	4646 Seventieth St., New York, N. Y.
Mr. Q. R. S.	4747 Seventy-second St., New York, N. Y.
Mr. T. U. V.	4848 Seventy-fourth St., New York, N. Y.
Mr. W. X. Y.	4949 Seventy-sixth St., New York, N. Y.
Mr. Z. A. B.	5050 Seventy-eighth St., New York, N. Y.
Mr. C. D. E.	5151 Eightieth St., New York, N. Y.
Mr. F. G. H.	5252 Eighty-second St., New York, N. Y.
Mr. I. J. K.	5353 Eighty-fourth St., New York, N. Y.
Mr. L. M. N.	5454 Eighty-sixth St., New York, N. Y.
Mr. O. P. Q.	5555 Eighty-eighth St., New York, N. Y.
Mr. R. S. T.	5656 Ninetieth St., New York, N. Y.
Mr. U. V. W.	5757 Ninety-second St., New York, N. Y.
Mr. X. Y. Z.	5858 Ninety-fourth St., New York, N. Y.
Mr. A. B. C.	5959 Ninety-sixth St., New York, N. Y.
Mr. D. E. F.	6060 Ninety-eighth St., New York, N. Y.
Mr. G. H. I.	6161 One Hundredth St., New York, N. Y.
Mr. J. K. L.	6262 One Hundred Second St., New York, N. Y.
Mr. M. N. O.	6363 One Hundred Fourth St., New York, N. Y.
Mr. P. Q. R.	6464 One Hundred Sixth St., New York, N. Y.
Mr. S. T. U.	6565 One Hundred Eighth St., New York, N. Y.
Mr. V. W. X.	6666 One Hundred Tenth St., New York, N. Y.
Mr. Y. Z. A.	6767 One Hundred Twelfth St., New York, N. Y.
Mr. B. C. D.	6868 One Hundred Fourteenth St., New York, N. Y.
Mr. E. F. G.	6969 One Hundred Sixteenth St., New York, N. Y.
Mr. H. I. J.	7070 One Hundred Eighteenth St., New York, N. Y.
Mr. K. L. M.	7171 One Hundred Twentieth St., New York, N. Y.
Mr. N. O. P.	7272 One Hundred Twenty-second St., New York, N. Y.
Mr. Q. R. S.	7373 One Hundred Twenty-fourth St., New York, N. Y.
Mr. T. U. V.	7474 One Hundred Twenty-sixth St., New York, N. Y.
Mr. W. X. Y.	7575 One Hundred Twenty-eighth St., New York, N. Y.
Mr. Z. A. B.	7676 One Hundred Thirtieth St., New York, N. Y.
Mr. C. D. E.	7777 One Hundred Thirty-second St., New York, N. Y.
Mr. F. G. H.	7878 One Hundred Thirty-fourth St., New York, N. Y.
Mr. I. J. K.	7979 One Hundred Thirty-sixth St., New York, N. Y.
Mr. L. M. N.	8080 One Hundred Thirty-eighth St., New York, N. Y.
Mr. O. P. Q.	8181 One Hundred Fortieth St., New York, N. Y.
Mr. R. S. T.	8282 One Hundred Forty-second St., New York, N. Y.
Mr. U. V. W.	8383 One Hundred Forty-fourth St., New York, N. Y.
Mr. X. Y. Z.	8484 One Hundred Forty-sixth St., New York, N. Y.
Mr. A. B. C.	8585 One Hundred Forty-eighth St., New York, N. Y.
Mr. D. E. F.	8686 One Hundred Fiftieth St., New York, N. Y.
Mr. G. H. I.	8787 One Hundred Fifty-second St., New York, N. Y.
Mr. J. K. L.	8888 One Hundred Fifty-fourth St., New York, N. Y.
Mr. M. N. O.	8989 One Hundred Fifty-sixth St., New York, N. Y.
Mr. P. Q. R.	9090 One Hundred Fifty-eighth St., New York, N. Y.
Mr. S. T. U.	9191 One Hundred Sixtieth St., New York, N. Y.
Mr. V. W. X.	9292 One Hundred Sixty-second St., New York, N. Y.
Mr. Y. Z. A.	9393 One Hundred Sixty-fourth St., New York, N. Y.
Mr. B. C. D.	9494 One Hundred Sixty-sixth St., New York, N. Y.
Mr. E. F. G.	9595 One Hundred Sixty-eighth St., New York, N. Y.
Mr. H. I. J.	9696 One Hundred Seventieth St., New York, N. Y.
Mr. K. L. M.	9797 One Hundred Seventy-second St., New York, N. Y.
Mr. N. O. P.	9898 One Hundred Seventy-fourth St., New York, N. Y.
Mr. Q. R. S.	9999 One Hundred Seventy-sixth St., New York, N. Y.
Mr. T. U. V.	10000 One Hundred Seventy-eighth St., New York, N. Y.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<p>NOTE.—There is a decrease in the above item of \$17,740, as follows:</p> <p>Omission of the item for construction of house on the animal quarantine station grounds at Littleton, Mass \$3,000</p> <p>Transfer of 1 clerk at \$1,200 and 1 clerk at \$900 to the statutory roll 2,100</p> <p>Transferred to "Diseases of animals" 12,640</p> <p style="text-align: right;">17,740</p>		
<p>Some material decrease is expected in the work of eradicating sheep and cattle scabies as the territory is cleared up and released from quarantine. It is thought that the subappropriation may be decreased by \$12,640 as indicated, and that this sum may be used to great advantage in the investigation of animal diseases.</p>		
<p>(51) For all necessary expenses for the eradication of southern cattle ticks, [\$400,000] \$398,800, of which sum \$50,000 may be used for live-stock demonstration work, in cooperation with the Bureau of Plant Industry, in areas freed of ticks, and of this amount no part shall be used in the purchase of animals for breeding purposes: <i>Provided, however,</i> That no part of this appropriation shall be used in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry (<i>acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; June 30, 1914, vol. 38, pp. 418-420, sec. 1</i>).....</p>	\$398, 800. 00	
<p>NOTE.—There is a decrease in the above item of \$1,200 due to the transfer of one clerk at that salary to the statutory roll.</p>		
<p>(52) For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated-butter factories and markets [\$256,490] (<i>same acts</i>)</p>	258, 090. 00	
<p>NOTE.—There is an apparent increase of \$1,600, but as one clerk at \$1,200 and one laboratory helper, at \$1,200, aggregating \$2,400, have been transferred to the statutory roll, the actual increase is \$4,000. Of this sum \$3,000 will be used in the dairy research laboratories, as follows: \$700 for the employment of an assistant in experimental creamery, \$800 for traveling expenses on account of experimental creamery, and \$1,500 for rent of an experimental creamery. The balance, \$1,000, is desired for dairy farming investigations, in order to look after the breeding work in North Dakota transferred from animal husbandry.</p>		
<p>(53) For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, [\$182,840] \$223,460: <i>Provided,</i> That of the sum thus appropriated \$30,000 may be used for experiments in the breeding and maintenance of horses for military purposes: <i>Provided further,</i> That of the sum thus appropriated \$24,500 may be used for experiments in poultry feeding and breeding, including the feeding and breeding of ostriches and investigations and experiments in the study of the ostrich industry: <i>And provided further,</i> That of the sum thus appropriated \$10,000 may be used for the importation of Corriedale and other promising breeds of sheep for breeding purposes;] (<i>same acts</i>)</p>	223. 460. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.																																								
<i>General Expenses, Bureau of Animal Industry—Continued.</i>																																										
<p>NOTE.—There is an increase in the above item of \$40,620, and the proviso stating that \$10,000 of the amount appropriated this year may be used for the importation of Corriedale and other promising breeds of sheep should be omitted. A large part of the increase is asked for projects designed to increase the meat supply of the country. In the project of "beef production" an increase of \$15,000 is asked to develop the work under way, particularly in the South. There seems to be justification for extension of this work by studying the suitability of the various feeds and forage crops of the extreme South, as velvet beans, sorghum, Japanese cane, sugar cane, beggar wheat, etc., while there are also fine possibilities of increasing production in the Eastern States and on the irrigated lands of the West. An increase of \$8,500 is indicated in the work of "pork production" which is carried on at the experimental farm at Beltsville, and consists of a study of the effect of grazing crops, as soy beans, cowpeas, rape, peanuts, etc., on the quality of pork. It is designed to supplement the study by chemical investigations, and it is thought that such work is of much importance, especially to the South where the use of forage crops is necessary for profitable results. For "pig clubs" an increase of \$12,500 is submitted and for "poultry clubs" an increase of \$10,000. Along both these lines there are insistent demands for the organization of more clubs, and without a larger appropriation it is impossible to meet such demands. An increase of \$3,200 for sheep and goat investigations is included, and \$5,900 for supervision and overhead charges on the entire animal husbandry work, a total increase of \$55,100. Decreases are noted as follows: For animal breeding investigations, \$2,500; for certification of pedigrees, \$1,980, and for importation of Corriedale sheep, \$10,000, total, \$14,480, which subtracted from the increase of \$55,100, makes a net increase of \$40,620 as indicated.</p>																																										
(54) For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Md., and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products [\$77,360] (<i>acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; June 30, 1914, vol. 38, pp. 418-420, sec. 1</i>) -----	\$103, 580. 00																																									
<p>NOTE.—There is an increase in the above item of \$26,220, by transfer of \$12,640 from Inspection and Quarantine, \$5,000 from the Bureau of Biological Survey, and \$8,580 from the Bureau of Plant Industry, and the appropriation in each case has been correspondingly reduced. It is desired in the coming year to enter more extensively into the scientific investigations of diseases of animals; \$12,640 transferred from Inspection and Quarantine will be used for investigating such diseases, especially parasitic diseases of sheep; \$5,000 transferred from the Bureau of Biological Survey will be used for investigations of diseases of ducks, and \$8,580 transferred from the Bureau of Plant Industry will be used for investigating poisonous plants.</p>																																										
(55) For construction of buildings at bureau experiment station at Bethesda, Md., and bureau experiment farm at Beltsville, Md. [\$16,500] (<i>same acts</i>) -----	6, 750. 00																																									
<p>NOTE.—There is a decrease in the above item of \$9,750. Some construction work remains to be done both for the dairy and animal husbandry work, but by care it is estimated that not more than \$6,750 will be required.</p>																																										
(56) For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses (<i>same acts</i>) -----	39, 286. 00																																									
In all, for general expenses -----	\$1,637,746.00	\$1,597,996.00																																								
<table><tr><td>Appropriations for 1906.....</td><td>\$1, 456, 520</td><td>Estimates for 1907.....</td><td>\$1, 729, 000</td></tr><tr><td>Deficiency act.....</td><td>63, 000</td><td></td><td></td></tr><tr><td>Appropriations for 1907.....</td><td>862, 200</td><td>Estimates for 1908.....</td><td>942, 200</td></tr><tr><td>Appropriations for 1908.....</td><td>947, 200</td><td>Estimates for 1909.....</td><td>997, 200</td></tr><tr><td>Appropriations for 1909.....</td><td>997, 200</td><td>Estimates for 1910.....</td><td>1, 043, 760</td></tr><tr><td>Deficiency act.....</td><td>300, 000</td><td></td><td></td></tr><tr><td>Appropriations for 1910.....</td><td>1, 263, 760</td><td>Estimates for 1911.....</td><td>1, 234, 540</td></tr><tr><td>Appropriations for 1911.....</td><td>1, 234, 540</td><td>Estimates for 1912.....</td><td>1, 288, 180</td></tr><tr><td>Appropriations for 1912.....</td><td>1, 257, 300</td><td>Estimates for 1913.....</td><td>1, 229, 666</td></tr><tr><td>Appropriations for 1913.....</td><td>1, 217, 866</td><td>Estimates for 1914.....</td><td>1, 366, 546</td></tr></table>			Appropriations for 1906.....	\$1, 456, 520	Estimates for 1907.....	\$1, 729, 000	Deficiency act.....	63, 000			Appropriations for 1907.....	862, 200	Estimates for 1908.....	942, 200	Appropriations for 1908.....	947, 200	Estimates for 1909.....	997, 200	Appropriations for 1909.....	997, 200	Estimates for 1910.....	1, 043, 760	Deficiency act.....	300, 000			Appropriations for 1910.....	1, 263, 760	Estimates for 1911.....	1, 234, 540	Appropriations for 1911.....	1, 234, 540	Estimates for 1912.....	1, 288, 180	Appropriations for 1912.....	1, 257, 300	Estimates for 1913.....	1, 229, 666	Appropriations for 1913.....	1, 217, 866	Estimates for 1914.....	1, 366, 546
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Inspection and quarantine, 1916, \$607,780.	Inspection and quarantine, 1914, \$579,000, and \$5,500 by transfer from eradicating cattle ticks; total, \$584,500.	
Salaries \$452,780.00	Salaries \$427,966.49	
As follows:	As follows:	
In Washington—	In Washington—	
1 assistant chief, Quarantine Division, \$2,250.	1 assistant chief, Quarantine Division, \$2,250.	
2 veterinary inspectors, at \$2,000 each.	2 veterinary inspectors, at \$2,000 each.	
1 veterinary inspector, \$1,920.	1 veterinary inspector, \$1,920.	
2 veterinary inspectors, at \$1,800 each.	2 veterinary inspectors, at \$1,800 each.	
3 veterinary inspectors, at \$1,700 each.	3 veterinary inspectors, at \$1,700 each.	
2 veterinary inspectors, at \$1,600 each.	2 veterinary inspectors, at \$1,600 each.	
1 skilled laborer, \$1,000, with additional compensation of \$35 per month.	1 skilled laborer, \$1,000, with additional compensation of \$35 per month.	
1 skilled laborer, \$900.	1 skilled laborer, \$900.	
Out of Washington—	Out of Washington—	
1 veterinary inspector, \$2,500.	1 veterinary inspector, \$2,500.	
4 veterinary inspectors, at \$2,250 each.	4 veterinary inspectors, at \$2,250 each.	
3 veterinary inspectors, at \$2,220 each.	3 veterinary inspectors, at \$2,220 each.	
2 veterinary inspectors, at \$2,000 each.	2 veterinary inspectors, at \$2,000 each.	
1 veterinary inspector, \$1,900.	1 veterinary inspector, \$1,900.	
58 veterinary inspectors, at \$1,800 each.	58 veterinary inspectors, at \$1,800 each.	
25 veterinary inspectors, at \$1,620 each.	25 veterinary inspectors, at \$1,620 each.	
51 veterinary inspectors, at \$1,600 each.	51 veterinary inspectors, at \$1,600 each.	
1 live stock inspector, \$1,600.	1 live stock inspector, \$1,600.	
35 veterinary inspectors, at \$1,400 each.	26 veterinary inspectors, at \$1,400 each.	
1 traveling inspector, \$1,400.	1 traveling inspector, \$1,400.	
1 agent in scabies eradication, \$1,200.	1 agent in scabies eradication, \$1,200.	
32 stock examiners, at \$1,200 each.	32 stock examiners, at \$1,200 each.	
4 field stock examiners, at \$1,200 each.	4 field stock examiners, at \$1,200 each.	
1 live stock agent, \$1,200.	1 live stock agent, \$1,200.	
1 live stock inspector, \$1,200.	1 live stock inspector, \$1,200.	
1 vessel inspector, \$1,200.	1 vessel inspector, \$1,200.	
3 agents, at \$1,200 each.	3 agents, at \$1,200 each.	
1 special agent, \$1,200.	1 special agent, \$1,200.	
3 inspector's assistants, at \$1,200 each.	3 inspector's assistants, at \$1,200 each.	
1 stock examiner, \$1,140.	1 stock examiner, \$1,140.	
1 inspector's assistant, \$1,100.	1 inspector's assistant, \$1,100.	
17 agents in scabies eradication, at \$1,000 each.	7 agents in scabies eradication, at \$1,000 each.	
4 stock examiners, at \$1,000 each.	4 stock examiners, at \$1,000 each.	
3 agents, at \$1,000 each.	3 agents, at \$1,000 each.	
5 inspector's assistants, at \$1,000 each.	5 inspector's assistants, at \$1,000 each.	
1 clerk, \$1,000.	1 clerk, \$1,000.	
1 skilled laborer, \$1,000.	1 skilled laborer, \$1,000.	
6 skilled laborers, at \$960 each.	6 skilled laborers, at \$960 each.	
1 agent in scabies eradication, at \$900.	1 agent in scabies eradication, at \$900.	
1 stock examiner, \$900.	1 stock examiner, \$900.	
3 inspector's assistants, at \$900 each.	3 inspector's assistants, at \$900 each.	
1 quarantine assistant, \$900.	1 quarantine assistant, \$900.	
1 clerk, \$900.	1 clerk, \$900.	
1 skilled laborer, \$900.	1 skilled laborer, \$900.	
1 stock examiner, \$840.	1 stock examiner, \$840.	
9 agents, at \$840 each.	9 agents, at \$840 each.	
12 inspector's assistants, at \$840 each.	12 inspector's assistants, at \$840 each.	
3 agents in scabies eradication, at \$720 each.	3 agents in scabies eradication, at \$720 each.	
1 skilled laborer, \$720.	1 skilled laborer, \$720.	
2 unskilled laborers, at \$50 per month each.	2 unskilled laborers, at \$50 per month each.	
1 veterinary inspector, at \$8 per day when actually employed, not to exceed \$1,200 per year.	1 veterinary inspector, at \$8 per day when actually employed, not to exceed \$1,200 per year.	
3 agents, at \$6 per day, when actually employed.	3 agents, at \$6 per day, when actually employed.	
2 unskilled laborers, at \$3.50 per day, when actually employed.	2 unskilled laborers, at \$3.50 per day, when actually employed.	
1 agent in scabies eradication, at \$3 per day, when actually employed, not to exceed \$300 per year.	1 agent in scabies eradication, at \$3 per day, when actually employed, not to exceed \$300 per year.	
Traveling expenses..... 125,000.00	Traveling expenses..... 125,050.65	
Supplies and equipment..... 15,000.00	Supplies and equipment..... 13,253.50	
Miscellaneous expenses..... 15,000.00	Miscellaneous expenses..... 14,713.18	
Total estimate, 1916..... 607,780.00	Total expenditures, 1914..... 580,983.82	
Total appropriations, 1915..... 625,520.00		
Decrease (by transfer of 1 clerk, at \$1,200 and 1 clerk, at \$900 to statutory roll; \$12,640 to lump fund for diseases of animals, and \$3,000 on account of completion of house at quarantine station, Littleton, Mass.)..... 17,740.00		

1. The first part of the paper is devoted to a general discussion of the problem.

2. In the second part, we shall consider the case of a single variable.

3. The third part is devoted to the case of several variables.

4. In the fourth part, we shall discuss the case of a function of several variables.

5. The fifth part is devoted to the case of a function of several variables.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Eradicating cattle ticks, 1916, \$398,800.	Eradicating cattle ticks, 1914, \$325,000, and \$1,200 by transfer from animal husbandry, and \$7,800 by transfer from diseases of animals, less \$5,500 by transfer to inspection and quarantine; net amount, \$328,500.	
<p>Salaries..... \$261,060.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 veterinary inspector, \$2,500.</p> <p>1 scientific assistant in animal husbandry, \$1,380.</p> <p>1 laboratory assistant, \$960.</p> <p>1 special assistant in toxicological investigations, \$600.</p> <p>Out of Washington—</p> <p>3 veterinary inspectors, at \$2,460 each.</p> <p>1 veterinary inspector, \$2,250.</p> <p>1 veterinary inspector, \$2,040.</p> <p>1 veterinary inspector, \$1,980.</p> <p>32 veterinary inspectors, at \$1,920 each.</p> <p>32 veterinary inspectors, at \$1,800 each.</p> <p>21 veterinary inspectors, at \$1,620 each.</p> <p>5 veterinary inspectors, at \$1,600 each.</p> <p>1 scientific assistant, \$1,440.</p> <p>31 veterinary inspectors, at \$1,400 each.</p> <p>1 veterinary inspector, \$1,250.</p> <p>2 agents in tick eradication, at \$1,200 each.</p> <p>1 stock examiner, \$1,200.</p> <p>1 clerk, \$1,200.</p> <p>1 agent in tick eradication, \$1,020.</p> <p>20 agents in tick eradication, at \$1,000 each.</p> <p>1 agent, \$1,000.</p> <p>12 agents in tick eradication, at \$960 each.</p> <p>21 agents in tick eradication, at \$900 each.</p> <p>2 agents, at \$900 each.</p> <p>3 agents, at \$840 each.</p> <p>29 agents in tick eradication, at \$840 each.</p> <p>1 agent in tick eradication, \$720.</p> <p>1 agent, \$720.</p> <p>4 agents in tick eradication, at \$60 each.</p> <p>1 agent at \$50.</p> <p>1 agent in tick eradication at \$2.75 per diem when actually employed.</p> <p>Traveling expenses..... 92,500.00</p> <p>Supplies and equipment..... 40,000.00</p> <p>Miscellaneous expenses..... 5,240.00</p> <p>Total estimate, 1916..... 398,800.00</p> <p>Total appropriation, 1915..... 400,000.00</p> <p>Decrease (by transfer of 1 clerk, class 1, to statutory roll)..... 1,200.00</p>	<p>Salaries..... \$227,638.31</p> <p>As follows:</p> <p>In Washington—</p> <p>1 veterinary inspector, \$2,500.</p> <p>1 laboratory assistant, \$960.</p> <p>1 special assistant, \$900.</p> <p>1 laboratory helper, \$900.</p> <p>Out of Washington—</p> <p>3 veterinary inspectors, at \$2,460 each.</p> <p>1 veterinary inspector, \$2,250.</p> <p>1 veterinary inspector, \$2,220.</p> <p>1 veterinary inspector, \$2,040.</p> <p>1 veterinary inspector, \$1,980.</p> <p>12 veterinary inspectors, at \$1,800 each.</p> <p>1 agent in tick eradication, \$1,800.</p> <p>13 veterinary inspectors, at \$1,620 each.</p> <p>23 veterinary inspectors, at \$1,600 each.</p> <p>31 veterinary inspectors, at \$1,400 each.</p> <p>1 veterinary inspector, \$1,250.</p> <p>2 agents in tick eradication, at \$1,200 each.</p> <p>1 stock examiner, \$1,200.</p> <p>2 clerks, at \$1,200 each.</p> <p>1 agent in tick eradication, \$1,020.</p> <p>19 agents in tick eradication, at \$1,000 each.</p> <p>1 agent, \$1,000.</p> <p>12 agents in tick eradication, at \$960 each.</p> <p>21 agents in tick eradication, at \$900 each.</p> <p>2 agents, at \$900 each.</p> <p>21 agents in tick eradication, at \$840 each.</p> <p>4 agents, at \$840 each.</p> <p>1 agent in tick eradication, \$720.</p> <p>1 agent, \$720.</p> <p>1 agent in tick eradication, \$600.</p> <p>3 agents in tick eradication, at \$60 each.</p> <p>1 agent at \$50.</p> <p>Traveling expenses..... 90,653.57</p> <p>Supplies and equipment..... 3,959.51</p> <p>Miscellaneous expenses..... 2,000.00</p> <p>Total expenditures, 1914..... 324,251.30</p>	
Dairy industry, 1916, \$258,090.	Dairy industry, 1914, \$177,900, less \$825, by transfer to construction of buildings; net amount, \$177,075.	
<p>Salaries..... \$143,745.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 dairyman, \$2,760.</p> <p>2 dairymen, at \$2,520 each.</p> <p>1 dairy husbandman, \$2,500.</p> <p>1 specialist in animal husbandry, \$2,400.</p> <p>1 dairyman, \$2,250.</p> <p>1 senior dairyman, \$2,220.</p> <p>1 dairy technologist, \$2,220.</p> <p>3 dairymen, at \$2,100 each.</p> <p>1 dairyman, \$2,040.</p> <p>1 dairy chemist, \$2,000.</p> <p>4 dairymen, at \$1,980 each.</p> <p>1 assistant in dairying, \$1,920.</p> <p>4 dairymen, at \$1,800 each.</p> <p>2 dairy chemists, at \$1,800 each.</p> <p>1 dairy engineer, \$1,800.</p> <p>1 dairy manufacturing specialist, \$1,800.</p> <p>1 dairy husbandman, \$1,800.</p> <p>2 dairymen, at \$1,620 each.</p> <p>1 assistant dairy husbandman, \$1,620.</p>	<p>Salaries..... \$119,461.98</p> <p>As follows:</p> <p>In Washington—</p> <p>1 senior dairyman, \$2,760.</p> <p>2 senior dairymen, at \$2,520 each.</p> <p>1 special agent in animal husbandry, \$2,400.</p> <p>1 senior dairyman, \$2,250.</p> <p>1 senior dairyman, \$2,220.</p> <p>1 dairy technologist, \$2,220.</p> <p>3 dairymen, at \$2,100 each.</p> <p>1 dairy chemist, \$2,000.</p> <p>3 dairymen, at \$1,980 each.</p> <p>5 dairymen, at \$1,800 each.</p> <p>1 dairy manufacturing specialist, \$1,800.</p> <p>1 dairy chemist, \$1,800.</p> <p>1 dairy engineer, \$1,800.</p> <p>1 assistant in dairying, \$1,800.</p> <p>2 dairymen, at \$1,620 each.</p> <p>1 junior dairyman, \$1,620.</p> <p>1 dairyman, \$1,500.</p> <p>1 assistant in dairying, \$1,440.</p> <p>2 junior dairymen, at \$1,440 each.</p> <p>1 junior dairyman, \$1,320.</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Animal Industry—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Dairy industry, 1916, \$258,090.</p> <p>In Washington—Continued.</p> <p>2 assistant dairy husbandmen, at \$1,500 each.</p> <p>1 dairyman, \$1,500.</p> <p>1 junior dairyman, \$1,500.</p> <p>4 agents in dairying, at \$1,500 each.</p> <p>1 agent in dairy husbandry, \$1,500.</p> <p>2 junior dairymen, at \$1,440 each.</p> <p>1 assistant in dairying, \$1,440.</p> <p>1 junior dairyman, \$1,320.</p> <p>1 agent in dairying, \$1,260.</p> <p>1 clerk, \$1,200.</p> <p>1 laboratory helper, \$1,200.</p> <p>1 under dairyman, \$900.</p> <p>1 student assistant, \$300.</p> <p>Out of Washington—</p> <p>2 dairymen, at \$2,100 each.</p> <p>2 dairymen, at \$1,980 each.</p> <p>2 dairymen, at \$1,920 each.</p> <p>4 dairymen, at \$1,800 each.</p> <p>1 assistant dairyman, \$1,800.</p> <p>1 dairy manufacturing specialist, \$1,800.</p> <p>1 dairyman, \$1,620.</p> <p>1 agent in dairying, \$1,620.</p> <p>1 assistant in dairying, \$1,500.</p> <p>2 scientific assistants, at \$1,500 each.</p> <p>2 junior dairymen, at \$1,440 each.</p> <p>1 agent in dairying, \$1,400.</p> <p>1 assistant dairyman, \$1,380.</p> <p>3 scientific assistants, at \$1,380 each.</p> <p>2 dairymen, at \$1,320 each.</p> <p>1 scientific assistant in dairying, \$1,320.</p> <p>2 agents in dairying, at \$1,200 each.</p> <p>1 carpenter, \$1,140.</p> <p>1 unskilled laborer, \$900.</p> <p>1 agent in animal husbandry, \$800.</p> <p>1 assistant for experimental creamery, \$700.</p> <p>1 unskilled laborer, \$540.</p> <p>9 unskilled laborers, at \$480 each.</p> <p>1 special agent in dairying, at \$25 per month (3 months).</p> <p>1 collaborator, at \$5 per diem, when actually employed, not to exceed \$100 for fiscal year.</p> <p>8 unskilled laborers, at \$1.50 per diem each when actually employed.</p> <p>Traveling expenses..... \$73,120.00</p> <p>Supplies and equipment..... 30,535.00</p> <p>Miscellaneous expenses..... 10,690.00</p> <p>Total estimate, 1916..... 258,090.00</p> <p>Total appropriation, 1915..... 256,490.00</p> <p>Increase (but as 1 clerk, \$1,200, and 1 laboratory helper, \$1,200, are transferred to statutory roll, the actual increase is \$4,000)... 1,600.00</p>	<p align="center">Dairy industry, 1914, \$177,900, less \$825, by transfer to construction of buildings; net amount, \$177,075.</p> <p>In Washington—Continued.</p> <p>1 junior dairyman, \$1,200.</p> <p>1 clerk, \$1,000.</p> <p>1 assistant chemist, \$900.</p> <p>1 under dairyman, \$900.</p> <p>Out of Washington—</p> <p>1 senior dairyman, \$2,220.</p> <p>1 dairyman, \$2,100.</p> <p>3 dairymen, at \$1,980 each.</p> <p>6 dairymen, at \$1,800 each.</p> <p>1 dairy chemist, \$1,800.</p> <p>1 dairy manufacturing specialist \$1,800.</p> <p>1 dairyman, \$1,680.</p> <p>3 dairymen, at \$1,620 each.</p> <p>1 dairyman, \$1,500.</p> <p>1 scientific assistant, \$1,500.</p> <p>2 junior dairymen, at \$1,440 each.</p> <p>1 agent in dairying, \$1,440.</p> <p>1 agent in dairying, \$1,400.</p> <p>1 assistant in dairying, \$1,380.</p> <p>1 dairyman, \$1,320.</p> <p>2 agents in dairying, at \$1,200 each.</p> <p>3 scientific assistants, at \$1,200 each.</p> <p>1 agent in dairying, \$1,000.</p> <p>1 unskilled laborer, \$900.</p> <p>1 unskilled laborer, \$540.</p> <p>8 unskilled laborers, at \$480 each.</p> <p>1 collaborator at \$5 per diem when actually employed, not to exceed \$100 for the fiscal year.</p> <p>6 unskilled laborers, at \$1.50 per diem each when actually employed.</p> <p>Traveling expenses..... \$35,222.65</p> <p>Supplies and equipment..... 18,439.38</p> <p>Miscellaneous expenses..... 3,633.24</p> <p>Total expenditures, 1914..... 176,757.25</p>	
<p align="center">Animal husbandry, 1916, \$223,460.</p> <p>Salaries..... \$135,320.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 chief, Animal Husbandry Division, \$3,500.</p> <p>3 senior animal husbandmen, at \$3,000 each</p> <p>3 senior animal husbandmen, at \$2,750 each.</p> <p>3 animal husbandmen, at \$1,800 each.</p> <p>1 assistant in chemical investigations, \$1,800.</p> <p>1 animal husbandman, \$1,560.</p> <p>4 junior animal husbandmen, at \$1,500 each.</p> <p>Out of Washington—</p> <p>1 animal husbandman, \$2,160.</p> <p>1 veterinary inspector, \$2,040.</p> <p>1 senior animal husbandman, \$2,000.</p> <p>1 agent in animal husbandry, \$2,000.</p> <p>1 live stock assistant, \$1,920.</p> <p>1 agent in animal husbandry, \$1,800.</p> <p>1 animal husbandman, \$1,800.</p> <p>2 live stock assistants, at \$1,800 each.</p> <p>3 animal husbandmen, at \$1,620 each.</p> <p>8 agents in animal husbandry, at \$1,500 each.</p>	<p align="center">Animal husbandry, etc., 1914, \$154,680 (less \$1,200 by transfer to eradicating cattle ticks and \$800 to construction of buildings, etc.; net amount, \$152,680).</p> <p>Salaries..... \$83,762.60</p> <p>As follows:</p> <p>In Washington—</p> <p>1 chief, Animal Husbandry Division, \$3,500.</p> <p>1 senior animal husbandman, \$2,760.</p> <p>1 senior animal husbandman, \$2,750.</p> <p>1 senior animal husbandman, \$2,220.</p> <p>1 senior animal husbandman, \$2,100.</p> <p>1 animal husbandman, \$1,800.</p> <p>1 junior animal husbandman, \$1,500.</p> <p>4 junior animal husbandmen, at \$1,380 each.</p> <p>Out of Washington—</p> <p>1 veterinary inspector, \$2,040.</p> <p>1 senior animal husbandman, \$2,000.</p> <p>1 animal husbandman, \$2,000.</p> <p>1 senior animal husbandman, \$1,920.</p> <p>1 agent in animal husbandry, \$1,800.</p> <p>1 live stock assistant, \$1,800.</p> <p>1 animal husbandman, \$1,800.</p> <p>2 animal husbandmen, at \$1,620 each.</p> <p>1 junior animal husbandman, \$1,500.</p> <p>1 junior animal husbandman, \$1,440.</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Animal husbandry, 1916, \$223,460.	Animal husbandry, etc., 1914, \$154,680 (less \$1,200 by transfer to eradicating cattle ticks and \$800 to construction of buildings, etc.; net amount, \$152,680).	
Out of Washington—Continued.	Out of Washington—Continued.	
3 junior animal husbandmen, at \$1,500 each.	6 junior animal husbandmen, at \$1,380 each.	
2 agents in animal husbandry, at \$1,380 each.	1 expert groom, \$1,260.	
8 junior animal husbandmen, at \$1,380 each.	1 agent in animal husbandry, \$1,200.	
2 scientific assistants in animal husbandry, at \$1,380 each.	1 under animal husbandman, \$1,020.	
1 agent in animal husbandry, \$1,200.	1 agent in animal husbandry, \$1,000.	
1 expert groom, \$1,260.	1 expert in animal nutrition, \$1,000.	
1 agent in animal husbandry, \$1,000.	2 assistants in animal nutrition, at \$1,000 each.	
1 expert in animal nutrition, \$1,000.	8 foremen in horse breeding, at \$300 each.	
2 assistant experts in animal nutrition, at \$1,000 each.	1 unskilled laborer, \$300.	
7 foremen in horse breeding, at \$300 each.	1 carpenter, \$840.	
1 agent in animal husbandry, \$840.	1 unskilled laborer, \$840.	
1 unskilled laborer, \$780.	1 unskilled laborer, \$804.	
2 agents in animal husbandry, at \$720 each.	1 agent in animal husbandry, \$800.	
3 unskilled laborers, at \$720 each.	2 unskilled laborers, at \$780 each.	
5 unskilled laborers, at \$660 each.	2 unskilled laborers, at \$720 each.	
4 unskilled laborers, at \$600 each.	3 carpenters, at \$660 each.	
1 expert trainer, \$550.	10 unskilled laborers, at \$660 each.	
13 unskilled laborers, at \$540 each.	5 unskilled laborers, at \$600 each.	
21 unskilled laborers, at \$480 each.	1 expert trainer, \$550.	
1 unskilled laborer, at \$8 per month.	28 unskilled laborers, at \$540 each.	
3 agents in animal husbandry, at \$9 per diem (when actually employed).	1 agent in animal husbandry, \$500.	
2 experts in animal husbandry, at \$9 per diem (when actually employed).	22 unskilled laborers, at \$480 each.	
1 painter, at \$3.50 per diem (when actually employed).	2 unskilled laborers, at \$300 each.	
Traveling expenses..... \$16,000.00	Traveling expenses..... \$16,882.54	
Supplies and equipment..... 61,800.00	Supplies and equipment..... 43,751.15	
Miscellaneous expenses..... 10,340.00	Miscellaneous expenses..... 4,653.78	
Total estimate, 1916..... 223,460.00	Total expenditures, 1914..... 149,050.07	
Total appropriation, 1915..... 182,840.00		
Increase..... 40,620.00		
Diseases of animals, 1916, \$103,580.	Diseases of animals, 1914, \$78,680 (less \$7,800 by transfer to eradicating cattle ticks; net amount, \$70,880).	
Salaries..... \$45,641.00	Salaries..... \$30,234.63	
As follows:	As follows:	
In Washington—	In Washington—	
1 veterinary inspector, \$2,250.	1 veterinary inspector, \$2,250.	
1 assistant zoologist, \$2,220.	1 assistant zoologist, \$2,220.	
1 assistant zoologist, \$2,040.	1 assistant zoologist, \$2,040.	
1 assistant zoologist, \$1,980.	1 assistant zoologist, \$1,980.	
1 bacteriologist, \$1,980.	1 bacteriologist, \$1,860.	
1 bacteriologist, \$1,860.	1 assistant zoologist, \$1,800.	
1 assistant zoologist, \$1,800.	1 veterinary inspector, \$1,800.	
1 veterinary inspector, \$1,800.	1 junior zoologist, \$1,620.	
1 veterinary inspector, \$1,400.	1 assistant zoologist, \$1,600.	
1 junior zoologist, \$1,620.	1 assistant microscopist, \$840.	
1 assistant zoologist, \$1,600.	1 plumber, at \$4.50 per diem (when actually employed).	
1 assistant microscopist, \$840.		
1 plumber, at \$4.50 per diem (when actually employed).		
Out of Washington—	Out of Washington—	
1 superintendent experiment station, \$3,500.	1 superintendent experiment station, \$3,500 (3 months); \$3,250 (9 months).	
1 veterinary inspector, \$2,460.	1 veterinary inspector, \$2,220.	
1 veterinary inspector, \$2,250.	1 assistant in bacteriology, \$2,000.	
1 veterinary inspector, \$2,220.	1 veterinary inspector, \$1,600.	
1 assistant in bacteriology, \$2,000.	1 veterinary inspector, \$1,400.	
1 veterinary inspector, \$1,600.	1 expert in milk hygiene, \$1,380.	
1 veterinary inspector, \$1,400.	1 expert in animal disease investigation, \$480.	
1 expert in milk hygiene, \$1,380.	10 unskilled laborers, at \$480 each.	
1 expert in animal disease investigation, \$480.	1 unskilled laborer, \$360.	
10 unskilled laborers, at \$480 each.	1 expert in contagious diseases of sheep, \$200.	
1 unskilled laborer, \$360.	1 collaborator, \$200.	
1 expert in contagious diseases of sheep, \$200.	1 collaborator, \$1 per annum.	
1 collaborator, \$200.		
1 collaborator, \$1.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Diseases of animals, 1916, \$103,580.	Diseases of animals, 1914, \$78,680 (less \$7,800 by transfer to eradicating cattle ticks; net amount, \$70,880).	
Traveling expenses..... \$6,000.00 Supplies and equipment..... 49,000.00 Miscellaneous expenses..... 2,939.00	Traveling expenses..... \$2,174.39 Supplies and equipment..... 35,425.86 Miscellaneous expenses..... 1,921.18	
Total estimate, 1916..... 103,580.00 Total appropriation, 1915..... 77,360.00	Total expenditures, 1914..... 69,756.06	
Increase (by transfer of \$12,640 from inspection and quarantine, \$5,000 from Bureau of Biological Survey, and \$8,580 from Bureau of Plant Industry).... 26,220.00		
Construction of buildings at Bethesda and Beltsville, Md., 1916, \$6,750.	Construction of buildings at Bethesda and Beltsville, Md., 1914, \$16,500, and \$1,625 by transfer from other lump funds; total, \$18,125.	
CONSTRUCTION WORK.	CONSTRUCTION WORK.	
Hog barn, with runs attached (construction begun in 1911)..... \$1,000.00 1 carpenter, \$3.50 per diem (part time)..... \$200.00 2 unskilled laborers, at \$1.50 each per diem (part time)..... 300.00 Materials and supplies..... 500.00	Hog barn, with runs attached..... \$250.63 4 carpenters, at \$4.50 each per diem (part time)..... \$51.00 1 plumber, \$4.50 per diem (part time)..... 85.50 7 unskilled laborers, at \$1.50 each per diem (part time)..... 58.50 Materials and supplies..... 55.63	
Poultry house (construction commenced in 1914)..... 1,000.00 1 plumber, \$4 per diem (part time)..... 120.00 1 electrician, \$4 per diem (part time)..... 50.00 1 unskilled laborer, \$1.50 per diem (part time)..... 130.00 Material and supplies..... 700.00	Construction commenced in fiscal year 1911. Total cost to June 30, 1914, \$2,579. Estimated cost of completion, \$3,600. Poultry house..... 122.41 Materials and supplies..... 122.41 Construction commenced in fiscal year 1914. Total cost to June 30, 1914, \$122.41. Estimated cost of completion, \$3,600.	
Mess house..... 4,000.00 1 carpenter, \$1,140 (part time)..... 380.00 2 laborers, at \$480 each (part time)..... 320.00 2 laborers, at \$1.50 each per diem (part time)..... 180.00 1 plumber, \$4.50 per diem (part time)..... 200.00 1 painter, \$3.50 per diem (part time)..... 70.00 2 plasterers, at \$5 each per diem (part time)..... 300.00 1 electrician, \$3.50 per diem (part time)..... 50.00 Material and supplies..... 2,500.00	Horse barn..... 547.42 5 carpenters, at \$3.50 each per diem (part time)..... 40.00 6 unskilled laborers, at \$1.50 each per diem (part time)..... 303.00 Material and supplies..... 204.42 Construction commenced in 1912, and finished in 1914. Total cost, \$5,700.	
Silo..... 500.00 1 carpenter, \$1,140 (part time)..... 50.00 2 laborers, at \$480 each (part time)..... 120.00 2 laborers, at \$1.50 each per diem (part time)..... 130.00 Materials..... 200.00	Stud barn..... 480.25 3 carpenters, at \$3.50 each per diem (part time)..... 75.00 8 unskilled laborers, at \$1.50 each per diem (part time)..... 181.25 Material and supplies..... 224.00 Construction commenced and completed in fiscal year 1914. Total cost, \$480.25.	
Reserve for incidentals in connection with above construction..... 250.00	Sheep and goat barn, with root cellar..... 5,938.53 1 electrician, \$50 per month (part time)..... 43.50 5 carpenters, at \$3.50 each per diem (part time)..... 767.00 1 plumber, \$4.50 per diem (part time)..... 20.25 1 painter, \$3.50 per diem..... 158.37 14 unskilled laborers, at \$1.50 each per diem (part time)..... 1,808.95 1 unskilled laborer, \$50 per month (part time)..... \$67.68 Material and supplies..... 3,072.78	
	Construction commenced in fiscal year 1913. Total cost to June 30, 1914, \$5,983. Estimated cost of completion, \$7,000. Cockerel house..... 746.74 1 carpenter, \$3.50 per diem (part time)..... \$30.00 7 unskilled laborers, at \$1.50 each per diem (part time)..... 110.00 Material and supplies..... 606.74	
	Construction commenced in fiscal year 1914. Total cost to June 30, 1914, \$746.74. Estimated cost of completion, \$1,500.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Construction of buildings at Bethesda and Beltsville, Md., 1916, \$6,750.	Construction of buildings at Bethesda and Beltsville, Md., 1914, \$16,500, and \$1,625 by transfer from other lump funds; total, \$18,125.	
CONSTRUCTION WORK—continued.	CONSTRUCTION WORK—continued.	
	Dairy barn..... \$177.97 1 carpenter, \$1,140 (part time)... \$74.22 1 carpenter, \$3.50 per diem (part time)..... 1.75 8 laborers, at \$1.50 each per diem (part time)..... 70.46 1 laborer, \$480 (part time)..... 26.04 Materials..... 5.50	
	Construction commenced in fiscal year 1912. Total cost to June 30, 1914, \$12,762.67. Estimated cost of completion, \$18,900.	
	Administration building..... 8,206.52 1 carpenter, \$1,140 (part time)... \$980.98 2 carpenters, at \$3.50 each per diem (part time)..... 819.88 1 plumber, \$4.50 per diem (part time)..... 108.00 3 cement finishers, at \$4 each per diem (part time)..... 66.00 7 laborers, at \$1.50 each per diem (part time)..... 867.50 3 laborers, at \$480 each (part time)..... 445.65 Material and supplies..... 4,918.51	
	Construction commenced in fiscal year 1914. Total cost to June 30, 1914, \$8,206.52. Estimated cost of completion, \$13,000.	
	Workshop..... 486.24 1 carpenter, \$1,140 (part time)... \$25.53 2 carpenters, at \$3.50 each per diem (part time)..... 28.00 3 laborers, at \$1.50 each per diem (part time)..... 10.11 Material and supplies..... 422.60	
	Construction commenced and completed in fiscal year 1914. Total cost, \$486.24.	
	Materials on hand..... 1,117.36	
Total estimate, 1916..... \$6,750.00	Total expenditures, 1914..... 18,074.07	
Total appropriation, 1915..... 16,500.00		
Decrease..... 9,750.00		
Administrative expenses, 1916, \$39,286.	Administrative expenses, 1914, \$40,186.	
Salaries..... \$34,180.00	Salaries..... \$30,195.33	
As follows:	As follows:	
In Washington—	In Washington—	
1 chief of Biochemic Division, \$4,000.	1 chief of Biochemic Division, \$4,000.	
1 chief of Pathological Division, \$4,000.	1 chief of Pathological Division, \$4,000.	
1 chief of Dairy Division, \$3,500.	1 chief of Dairy Division, \$3,560.	
1 chief of Quarantine Division, \$3,500.	1 chief of Quarantine Division, \$3,500	
1 assistant chief of bureau, \$3,250.	(3 months); \$3,000 (9 months).	
1 chief of Field Inspection Division \$3,000.	1 assistant chief of bureau, \$3,250.	
1 chief of Zoological Division, \$3,000.	1 chief of Field Inspection Division, \$3,000.	
1 senior biochemist, \$2,820.	1 chief of Zoological Division, \$3,000.	
1 inspector, \$2,250.	1 senior biochemist, \$2,820.	
1 clerk, \$1,400.	1 inspector, \$2,250.	
1 clerk, \$1,260.	1 clerk, \$1,400 (3 months); \$1,200 (9 months).	
1 clerk, \$966.	1 clerk, \$1,200.	
1 messenger boy, \$360.	1 clerk, \$900.	
1 cabinetmaker, at \$3.50 per day.	1 messenger boy, \$360.	
	1 cabinetmaker, at \$3.50 per day.	
Traveling expenses..... 500.00	Traveling expenses..... 86.63	
Supplies and equipment..... 1,500.00	Supplies and equipment..... 1,006.19	
Miscellaneous expenses..... 3,106.00	Miscellaneous expenses..... 7,375.20	
Total estimate, 1916..... 39,286.00	Total expenditures, 1914..... 38,663.35	
Total appropriation, 1915..... 39,286.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Meat Inspection, Bureau of Animal Industry—</i>		
(57) For additional expenses in carrying out the provisions of the meat-inspection act of June 30, 1906 (34 Stat. L., p. 674), there is hereby appropriated for the fiscal year ending June 30 [1915], 1916, the sum of \$375,000: <i>Provided</i> , That the provisions of the meat-inspection law may be extended to the inspection of reindeer (<i>act June 30, 1914, vol. 38, p. 420, sec. 1</i>) -----	\$375,000.00	\$375,000.00
Appropriation for 1914..... \$200,000 Appropriation for 1915..... 375,000	Estimates for 1914..... \$300,000 Estimates for 1915..... 300,000 Estimates for 1916..... 375,000	
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Meat inspection, 1916, \$3,375,000. (Permanent appropriation \$3,000,000 and annual appropriation \$375,000.)	Meat inspection, 1914, \$3,200,000. (Permanent appropriation \$3,000,000 and annual appropriation \$200,000.)	
Salaries..... \$3,199,823.00	Salaries..... \$3,021,661.71	
As follows: In Washington— 1 chief, meat inspection division, \$1,000. 1 senior pathologist, \$3,000. 1 senior bacteriologist, \$2,820. 2 veterinary inspectors, at \$2,750 each. 1 senior biochemist, \$2,700. 1 senior bacteriologist, \$2,700. 1 senior laboratory inspector, \$2,700. 1 veterinary inspector, \$2,500. 1 pathologist, \$2,220. 1 bacteriologist, \$2,220. 1 laboratory inspector, \$2,040. 1 biochemist, \$2,040. 2 bacteriologists, at \$1,980 each. 1 physiologist, \$1,800. 1 veterinary inspector, \$1,800. 1 senior bacteriologist, \$1,800. 1 assistant in biochemistry, \$1,800. 3 laboratory helpers, at \$1,620 each. 2 veterinary inspectors, at \$1,600 each. 3 assistant chemists, at \$1,440 each. 1 assistant chemist, \$1,400. 1 junior laboratory inspector, \$1,400. 1 meat inspector, \$1,200. 2 clerks, at \$1,200 each. 1 stenographer and typewriter, \$1,200. 1 clerk, \$1,020. 1 clerk, \$900. 1 laboratory aid, \$840. Out of Washington— 1 veterinary inspector, \$3,500. 4 veterinary inspectors, at \$3,000 each. 4 veterinary inspectors, at \$2,760 each. 1 veterinary inspector, \$2,750. 1 traveling meat inspector, \$2,750. 5 veterinary inspectors, at \$2,500 each. 4 veterinary inspectors, at \$2,460 each. 1 veterinary inspector, \$2,280. 17 veterinary inspectors, at \$2,250 each. 1 senior bacteriologist, \$2,220. 10 veterinary inspectors, at \$2,220 each. 1 senior laboratory inspector, \$2,160. 1 senior laboratory inspector, \$2,100. 1 sanitary engineer, \$2,000. 39 veterinary inspectors, at \$2,000 each. 1 laboratory inspector, \$1,980. 6 veterinary inspectors, at \$1,980 each. 1 senior laboratory inspector, \$1,920. 6 veterinary inspectors, at \$1,920 each. 39 veterinary inspectors, at \$1,900 each. 1 senior laboratory inspector, \$1,860. 1 inspector, \$1,800. 1 senior laboratory inspector, \$1,800. 265 veterinary inspectors, at \$1,800 each. 1 junior laboratory helper, \$1,620. 78 veterinary inspectors, at \$1,620 each. 2 meat inspectors, at \$1,600 each. 1 traveling meat inspector, \$1,600. 2 inspectors, at \$1,600 each. 1 vessel inspector, \$1,600. 1 veterinary inspector, \$1,500. 1 junior laboratory inspector, \$1,440. 1 assistant chemist, \$1,400. 9 meat inspectors, at \$1,400 each. 225 veterinary inspectors, at \$1,400 each. 26 meat inspectors, at \$1,380 each. 1 junior laboratory inspector, \$1,320. 678 meat inspectors, at \$1,320 each. 2 vessel inspectors, at \$1,200 each. 2 under laboratory inspectors, at \$1,200 each. 1 clerk, \$1,200. 2 inspector's assistants, at \$1,200 each.	As follows: In Washington— 1 chief, meat inspection division, \$4,000. 1 senior pathologist, \$3,000. 1 senior bacteriologist, \$2,820. 2 veterinary inspectors, at \$2,750 each. 1 senior biochemist, \$2,700. 1 senior bacteriologist, \$2,700. 1 senior laboratory inspector, \$2,700. 1 veterinary inspector, \$2,500. 1 pathologist, \$2,220. 1 bacteriologist, \$2,220. 1 laboratory inspector, \$2,040. 1 biochemist, \$2,040. 2 bacteriologists, at \$1,980 each. 1 physiologist, \$1,800. 1 veterinary inspector, \$1,800. 1 senior bacteriologist, \$1,800. 1 assistant in biochemistry, \$1,800. 3 laboratory helpers, at \$1,620 each. 2 veterinary inspectors, at \$1,600 each. 3 assistant chemists, at \$1,440 each. 1 assistant chemist, \$1,400. 1 junior laboratory inspector, \$1,400. 1 meat inspector, \$1,200. 2 clerks, at \$1,200 each. 1 stenographer and typewriter, \$1,200. 1 clerk, \$1,020. 1 clerk, \$900. 1 laboratory aid, \$840. Out of Washington— 1 veterinary inspector, \$3,500. 4 veterinary inspectors, at \$3,000 each. 4 veterinary inspectors, at \$2,760 each. 1 veterinary inspector, \$2,750. 1 traveling meat inspector, \$2,750. 5 veterinary inspectors, at \$2,500 each. 4 veterinary inspectors, at \$2,460 each. 1 veterinary inspector, \$2,280. 17 veterinary inspectors, at \$2,250 each. 1 senior bacteriologist, \$2,220. 10 veterinary inspectors, at \$2,220 each. 1 senior laboratory inspector, \$2,160. 1 senior laboratory inspector, \$2,100. 1 sanitary engineer, \$2,000. 39 veterinary inspectors, at \$2,000 each. 1 laboratory inspector, \$1,980. 6 veterinary inspectors, at \$1,980 each. 1 senior laboratory inspector, \$1,920. 6 veterinary inspectors, at \$1,920 each. 39 veterinary inspectors, at \$1,900 each. 1 senior laboratory inspector, \$1,860. 1 inspector, \$1,800. 1 senior laboratory inspector, \$1,800. 216 veterinary inspectors, at \$1,800 each. 1 junior laboratory helper, \$1,620. 43 veterinary inspectors, at \$1,620 each. 2 meat inspectors, at \$1,600 each. 1 traveling meat inspector, \$1,600. 2 inspectors, at \$1,600 each. 1 vessel inspector, \$1,600. 112 veterinary inspectors, at \$1,600 each. 1 veterinary inspector, \$1,500. 1 junior laboratory inspector, \$1,440. 1 assistant chemist, \$1,400. 9 meat inspectors, at \$1,400 each. 253 veterinary inspectors, at \$1,400 each. 1 meat inspector, \$1,380. 1 junior laboratory inspector, \$1,320. 19 meat inspectors, at \$1,320 each. 2 vessel inspectors, at \$1,200 each. 2 under laboratory inspectors, at \$1,200 each.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Meat Inspection, Bureau of Animal Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Meat inspection 1916, \$3,375,000. (Permanent appropriation \$3,000,000 and annual appropriation \$375,000.)	Meat inspection, 1914, \$3,200,000. (Permanent appropriation \$3,000,000 and annual appropriation \$200,000.)		
Out of Washington—Continued. 130 stock examiners, at \$1,200 each. 149 meat inspectors, at \$1,200 each. 2 stock examiners, at \$1,104 each. 55 inspector's assistants, at \$1,104 each. 14 inspector's assistants, at \$1,100 each. 5 stock examiners, at \$1,100 each. 112 meat inspectors, at \$1,000 each. 9 stock examiners, at \$1,000 each. 157 inspector's assistants, at \$1,000 each. 4 clerks, at \$1,000 each. 1 inspector's assistant, \$960. 10 clerks, at \$900 each. 1 skilled laborer, \$900. 1 assistant microscopist, \$900. 263 inspector's assistants, at \$840 each. 2 laboratory helpers, at \$600 each. 1 assistant microscopist, \$600. 1 messenger boy, \$600. 1 charwoman, \$240. 1 collaborating veterinarian, at \$5 per annum.	Out of Washington—Continued. 1 clerk, \$1,200. 2 inspector's assistants, at \$1,200 each. 130 stock examiners, at \$1,200 each. 779 meat inspectors, at \$1,200 each. 1 meat inspector, \$1,100. 5 stock examiners, at \$1,100 each. 14 inspector's assistants, at \$1,100 each. 145 meat inspectors, at \$1,000 each. 11 stock examiners, at \$1,000 each. 192 inspector's assistants, at \$1,000 each. 4 clerks, at \$1,000 each. 6 inspector's assistants, at \$960 each. 7 inspector's assistants, at \$900 each. 10 clerks, at \$900 each. 1 skilled laborer, \$900. 1 assistant microscopist, \$900. 251 inspector's assistants, at \$840 each. 2 laboratory helpers, at \$600 each. 1 assistant microscopist, \$600. 1 messenger boy, \$600. 1 charwoman, \$240. 1 collaborating veterinarian, at \$5 per annum.		
Traveling expenses.....	\$65,000.00	Traveling expenses.....	\$55,621.56
Supplies and equipment.....	75,000.00	Supplies and equipment.....	59,543.54
Miscellaneous expenses.....	35,177.00	Miscellaneous expenses.....	30,808.26
Total estimate, 1916.....	3,375,000.00	Total expenditures, 1914.....	3,167,635.07
Total appropriation, 1915.....	3,375,000.00		
Total for Bureau of Animal Industry (increase \$46,350).....		\$2,366,376.00	\$2,320,026.00
BUREAU OF PLANT INDUSTRY.			
<i>Salaries, Bureau of Plant Industry—</i>			
(1) One physiologist and pathologist, who shall be chief of bureau (acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; June 30, 1914, vol. 38, pp. 420-421, sec. 1).....	\$5,000.00		
(2) One chief clerk (same acts).....	3,000.00		
(3) One executive assistant in seed distribution (same acts).....	2,500.00		
(4) One officer in charge of publications (same acts).....	2,250.00		
(5) One landscape gardener (same acts).....	1,800.00		
(6) One officer in charge of records (same acts).....	2,250.00		
(7) One superintendent of seed weighing and mailing (same acts)...	2,000.00		
(8) One executive clerk (same acts).....	2,250.00		
(9) Three executive clerks, at \$1,980 each (same acts).....	5,940.00		
(10) One assistant superintendent of seed warehouse (same acts).....	1,400.00		
(11) One seed inspector (same acts).....	1,000.00		
(12) One seed warehouseman (by transfer from lump fund for purchase and distribution of valuable seeds) (same acts).....	1,400.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
(13) One seed warehouseman (by transfer from lump fund for purchase and distribution of valuable seeds) (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; June 30, 1914, vol. 38, pp. 420-421, sec. 1</i>) -----	\$1,020.00	
(14) One seed warehouseman (by transfer from lump fund for new and rare seeds) (<i>same acts</i>) -----	1,000.00	
(15) One seed warehouseman (by transfer from lump fund for purchase and distribution of valuable seeds) (<i>same acts</i>) -----	840.00	
(16) Six clerks, class 4 (decrease of 3 by transfer to statutory roll of States Relations Service) (<i>same acts</i>) -----	10,800.00	
(17) Twelve clerks, class 3 (decrease of 2 by transfer to statutory roll of Office of Farm Management in the Secretary's office) (<i>same acts</i>) -	19,200.00	
(18) Two clerks, at \$1,500 each (<i>same acts</i>) -----	3,000.00	
(19) Twenty-one clerks, class 2 (increase of 3 in lieu of 6 clerks, at \$720 each, omitted as below, with decrease of \$120, and decrease of 2 by transfer to statutory roll of States Relations Service and 1 to statutory roll of Office of Farm Management in the Secretary's office, making no change in the number of places in this grade) (<i>same acts</i>) -----	29,400.00	
NOTE.—It is desired to drop six clerks at \$720 per annum each and add in lieu thereof three clerks at \$1,400 per annum each, as it is believed the bureau will be able to get better service with three clerks at the higher salary than it can with six clerks at the lower salary. This change involves a decrease of \$120. As three clerks of class 2 have been transferred to other bureaus there is therefore no change in the number of places in this grade in this bureau.		
(20) Forty-eight clerks, class 1 (increase of 6 by transfer from lump funds for forest pathology, cotton testing, grain standardization, purchase and distribution of valuable seeds, pomological investigations, and new and rare seeds, and decrease of 6 by transfer to statutory roll of Office of Farm Management in the Secretary's office and 4 by transfer to statutory roll of States Relations Service, making a net decrease of 4) (<i>same acts</i>) ----	57,600.00	
(21) One clerk or draftsman (by transfer from lump fund for grain standardization) (<i>same acts</i>) -----	1,200.00	
(22) One clerk (<i>same acts</i>) -----	1,080.00	
(23) Eight clerks, at \$1,020 each (decrease of 1 by transfer to statutory roll of Office of Farm Management in the Secretary's office) (<i>same acts</i>) -----	8,160.00	
(24) Twenty-three clerks, at \$1,000 each (increase of 2 by transfer from lump funds for grain standardization and pomological investigations, and decrease of 7 by transfer to statutory roll of States Relations Service, and 5 by transfer to statutory roll of Office of Farm Management in the Secretary's office, making net decrease of 10) (<i>same acts</i>) -----	23,000.00	
(25) Forty-six clerks, at \$900 each (increase of 2 by transfer from lump funds for new and rare seeds and cereal investigations, and decrease of 5 by transfer to statutory roll of States Relations Service, and 6 by transfer to statutory roll of Office of Farm Management in the Secretary's office, making net decrease of 9) (<i>same acts</i>) -----	41,400.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
(26) One clerk or draftsman (by transfer from lump fund for cotton standardization) (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; June 30, 1914, vol. 38, pp. 420-421, sec. 1</i>)	\$900. 00	
(27) Twenty-one clerks, at \$840 each (decrease of 6 by transfer to statutory roll of States Relations Service and 3 by transfer to statutory roll of Office of Farm Management in the Secretary's office, making net decrease of 9) (<i>same acts</i>)	17, 640. 00	
(28) Two clerks, at \$720 each (decrease of 6 by change to 3 clerks of class 2 as above, 4 by transfer to statutory roll of Office of Farm Management in the Secretary's office, and 6 by transfer to statutory roll of States Relations Service, making net decrease of 16) (<i>same acts</i>)	1, 440. 00	
(29) One laborer (<i>same acts</i>)	780. 00	
(30) Forty-two messengers or laborers, at \$720 each (increase of 1 by transfer from lump fund for foreign seed and plant introduction, and decrease of 1 by transfer to statutory roll of Office of Farm Management in the Secretary's office, making no change in number of places in this grade) (<i>same acts</i>)	30, 240. 00	
(31) Eleven messengers, messenger boys, or laborers, at \$660 each (decrease of 1 by transfer to statutory roll of Office of Farm Management in the Secretary's office) (<i>same acts</i>)	7, 260. 00	
(32) Twenty-seven messengers, messenger boys, or laborers, at \$600 each (increase of 1 by transfer from lump fund for foreign seed and plant introduction) (<i>same acts</i>)	16, 200. 00	
(33) One artist (<i>same acts</i>)	1, 620. 00	
(34) One clerk or artist (<i>same acts</i>)	1, 200. 00	
NOTE.—One photographer at \$1,400 transferred to statutory roll of the Office of Farm Management in the Secretary's office.		
(35) One photographer (<i>same acts</i>)	1, 200. 00	
NOTE.—One photographer at \$900 transferred to statutory roll of the Office of Farm Management in the Secretary's office.		
(36) One photographer (<i>same acts</i>)	840. 00	
(37) One laboratory aid (<i>same acts</i>)	1, 440. 00	
(38) One laboratory aid (<i>same acts</i>)	1, 380. 00	
(39) Three laboratory aids or clerks, at \$1,200 each (<i>same acts</i>)	3, 600. 00	
(40) One laboratory aid or clerk (<i>same acts</i>)	1, 080. 00	
(41) Two laboratory aids or clerks, at \$1,020 each (<i>same acts</i>)	2, 040. 00	
(42) One laboratory aid (by transfer from lump fund for foreign seed and plant introduction) (<i>same acts</i>)	900. 00	
(43) Five laboratory aids, at \$840 each (<i>same acts</i>)	4, 200. 00	
(44) Eight laboratory aids, at \$720 each (<i>same acts</i>)	5, 760. 00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
(45) Six laboratory aids, at \$600 each (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; June 30, 1914, vol. 38, pp. 420-421, sec. 1</i>)	\$3, 600. 00	
(46) One laboratory apprentice (<i>same acts</i>)	720. 00	
(47) One map tracer (decrease of 1 by transfer to statutory roll of Office of Farm Management in the Secretary's office) (<i>same acts</i>)	720. 00	
(48) Two map tracers, at \$600 each (<i>same acts</i>)	1, 200. 00	
(49) Two gardeners, at \$1,440 each (<i>same acts</i>)	2, 880. 00	
(50) Four gardeners, at \$1,200 each (<i>same acts</i>)	4, 800. 00	
(51) Eight gardeners, at \$1,100 each (<i>same acts</i>)	8, 800. 00	
(52) Fifteen gardeners, at \$900 each (<i>same acts</i>)	13, 500. 00	
(53) Nineteen gardeners, at \$780 each (<i>same acts</i>)	14, 820. 00	
(54) Two skilled laborers, at \$960 each (<i>same acts</i>)	1, 920. 00	
(55) Two skilled laborers, at \$900 each (<i>same acts</i>)	1, 800. 00	
(56) Three skilled laborers, at \$840 each (<i>same acts</i>)	2, 520. 00	
(57) One assistant in technology (<i>same acts</i>)	1, 400. 00	
(58) One assistant in technology (<i>same acts</i>)	1, 380. 00	
(59) One mechanical assistant (<i>same acts</i>)	1, 200. 00	
(60) One blacksmith (<i>same acts</i>)	900. 00	
(61) One carpenter (<i>same acts</i>)	900. 00	
(62) One painter (<i>same acts</i>)	900. 00	
(63) One teamster (<i>same acts</i>)	840. 00	
(64) One teamster (<i>same acts</i>)	600. 00	
(65) Twenty-two laborers, at \$540 each (increase of 1 by transfer from lump fund for foreign seed and plant introduction) (<i>same acts</i>) .	11, 880. 00	
(66) Twenty-four laborers, messengers, or messenger boys, at \$480 each (increase of 3 by transfer from lump fund for foreign seed and plant introduction, and 1 from lump fund for drug and other plants, and decrease of 3 by transfer to statutory roll of States Relations Service, 3 to statutory roll of Office of Farm Management in the Secretary's office, and 1 to statutory roll of Bureau of Animal Industry, making net decrease of 3) (<i>same acts</i>)	11, 520. 00	
(67) Three laborers or charwomen, at \$480 each (decrease of 1 by change to 2 charwomen, at \$240 each, as below) (<i>same acts</i>) . . .	1, 440. 00	
NOTE.—It is recommended that one laborer or charwoman, at \$480 per annum, be dropped, and that in lieu thereof two charwomen, at \$240 each, be added as below. It is found that half day charwomen at \$240 per annum are of more use to the bureau than all day charwomen at \$480 per annum.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Bureau of Plant Industry—Continued.</i>			
(68)	Two laborers or charwomen, at \$360 each (<i>acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; June 30. 1914, vol. 38, pp. 420-421, sec. 1</i>)--	\$720.00	
(69)	Three laborers or messenger boys, at \$420 each (title changed by addition of the words "or messenger boys," and increase of 1 by transfer from lump fund for crop acclimatization) (<i>same acts</i>)-----	1,260.00	
(70)	Sixteen charwomen, at \$240 each (increase of 2 in lieu of 1 laborer or charwoman, at \$480, as above, and 3 by transfer from lump funds for crop technology, pomological investigations, and horticultural investigations, and decrease of 4 by transfer to statutory roll of Office of Farm Management in the Secretary's office, making net increase of 1) (<i>same acts</i>)-----	3,840.00	
(71)	Eleven messenger boys, at \$360 each (increase of 1 by transfer from lump fund for forest pathology, and decrease of 1 by transfer to statutory roll of Office of Farm Management in the Secretary's office, making no change in the number of places in this grade) (<i>same acts</i>)-----	3,960.00	
(72)	Four messenger boys, at \$300 each (decrease of 2 by transfer to statutory rolls of States Relations Service and Office of Farm Management in the Secretary's office) (<i>same acts</i>)-----	1,200.00	
		\$429,430.00	\$478,170.00
Appropriations for 1906.....	\$157,860	Estimates for 1907.....	\$162,480
Appropriations for 1907.....	163,060	Estimates for 1908.....	189,200
Appropriations for 1908.....	189,450	Estimates for 1909.....	187,410
Appropriations for 1909.....	187,410	Estimates for 1910.....	189,950
Appropriations for 1910.....	210,510	Estimates for 1911.....	255,270
Appropriations for 1911.....	255,270	Estimates for 1912.....	330,320
Appropriations for 1912.....	330,470	Estimates for 1913.....	374,790
Appropriations for 1913.....	379,820	Estimates for 1914.....	424,380
Appropriations for 1914.....	427,690	Estimates for 1915.....	476,520
Appropriations for 1915.....	478,170	Estimates for 1916.....	429,430
NOTE.—Apparent decrease, \$48,740; actual decrease, \$120, as follows:			
<i>Places decreased.</i>			
6 clerks, at \$720 each, changed to 3 clerks, class 2.....	\$120		
Actual decrease.....		\$120	
<i>Transfers to statutory roll of Office of Farm Management in Secretary's Office.</i>			
2 clerks, class 3.....	\$3,200		
1 clerk, class 2.....	1,400		
6 clerks, class 1.....	7,200		
1 clerk.....	1,020		
5 clerks, at \$1,000 each.....	5,000		
6 clerks, at \$900 each.....	5,400		
3 clerks, at \$840 each.....	2,520		
4 clerks, at \$720 each.....	2,880		
1 messenger or laborer.....	720		
1 messenger, messenger boy, or laborer.....	660		
1 photographer.....	1,400		
1 photographer.....	900		
1 map tracer.....	720		
3 laborers, messengers, or messenger boys, at \$480 each.....	1,440		
4 charwomen, at \$240 each.....	960		
1 messenger boy.....	360		
1 messenger boy.....	300		
	\$36,080		

Date	Patient's Name	Age	Sex	Occupation	Address	City	State	Country	Date of Admission	Date of Discharge	Length of Stay	Diagnosis	Treatment	Remarks
1918	John Doe	45	M	Farmer	123 Main St.	Springfield	Ill.	U.S.A.	Jan. 15	Feb. 10	26 days	Measles	Isolation, supportive	Recovered
1918	Jane Smith	32	F	Teacher	456 Oak St.	Chicago	Ill.	U.S.A.	Mar. 5	Mar. 20	15 days	Scarlet fever	Isolation, antibiotics	Recovered
1918	Robert Brown	28	M	Engineer	789 Elm St.	Peoria	Ill.	U.S.A.	Apr. 10	Apr. 25	15 days	Diphtheria	Isolation, antitoxin	Recovered
1918	Mary White	18	F	Student	321 Pine St.	Rockford	Ill.	U.S.A.	May 1	May 15	14 days	Whooping cough	Isolation, rest	Recovered
1918	William Black	55	M	Merchant	654 Cedar St.	Decatur	Ill.	U.S.A.	Jun. 10	Jun. 25	15 days	Typhoid fever	Isolation, fluids	Recovered
1918	Elizabeth Green	40	F	Homemaker	987 Birch St.	Normal	Ill.	U.S.A.	Jul. 5	Jul. 20	15 days	Smallpox	Isolation, vaccination	Recovered
1918	Thomas Gray	35	M	Doctor	147 Walnut St.	Urbana	Ill.	U.S.A.	Aug. 10	Aug. 25	15 days	Hepatitis	Isolation, rest	Recovered
1918	Anna Hall	25	F	Nurse	258 Maple St.	Quincy	Ill.	U.S.A.	Sep. 5	Sep. 20	15 days	Measles	Isolation, supportive	Recovered
1918	Charles King	60	M	Retired	369 Hickory St.	Macomb	Ill.	U.S.A.	Oct. 10	Oct. 25	15 days	Scarlet fever	Isolation, antibiotics	Recovered
1918	Frances Lee	15	F	Student	470 Spruce St.	Streator	Ill.	U.S.A.	Nov. 5	Nov. 20	15 days	Whooping cough	Isolation, rest	Recovered
1918	George Miller	42	M	Farmer	581 Ash St.	Shelbyville	Ill.	U.S.A.	Dec. 10	Dec. 25	15 days	Typhoid fever	Isolation, fluids	Recovered
1918	Helen Wilson	30	F	Teacher	692 Sycamore St.	Lacon	Ill.	U.S.A.	Jan. 5	Jan. 20	15 days	Smallpox	Isolation, vaccination	Recovered
1918	Frank Moore	22	M	Student	803 Poplar St.	Alton	Ill.	U.S.A.	Feb. 10	Feb. 25	15 days	Hepatitis	Isolation, rest	Recovered
1918	Grace Taylor	12	F	Student	914 Willow St.	East Alton	Ill.	U.S.A.	Mar. 5	Mar. 20	15 days	Measles	Isolation, supportive	Recovered
1918	Harold Adams	50	M	Engineer	1025 Cherry St.	East Alton	Ill.	U.S.A.	Apr. 10	Apr. 25	15 days	Scarlet fever	Isolation, antibiotics	Recovered
1918	Ida Baker	38	F	Homemaker	1136 Elm St.	East Alton	Ill.	U.S.A.	May 5	May 20	15 days	Whooping cough	Isolation, rest	Recovered
1918	James Clark	65	M	Retired	1247 Maple St.	East Alton	Ill.	U.S.A.	Jun. 10	Jun. 25	15 days	Typhoid fever	Isolation, fluids	Recovered
1918	Katherine Evans	20	F	Student	1358 Oak St.	East Alton	Ill.	U.S.A.	Jul. 5	Jul. 20	15 days	Smallpox	Isolation, vaccination	Recovered
1918	Leo Fisher	48	M	Farmer	1469 Pine St.	East Alton	Ill.	U.S.A.	Aug. 10	Aug. 25	15 days	Hepatitis	Isolation, rest	Recovered
1918	Margaret Gibson	28	F	Nurse	1580 Cedar St.	East Alton	Ill.	U.S.A.	Sep. 5	Sep. 20	15 days	Measles	Isolation, supportive	Recovered
1918	Nathan Hall	58	M	Merchant	1691 Birch St.	East Alton	Ill.	U.S.A.	Oct. 10	Oct. 25	15 days	Scarlet fever	Isolation, antibiotics	Recovered
1918	Olivia King	18	F	Student	1802 Spruce St.	East Alton	Ill.	U.S.A.	Nov. 5	Nov. 20	15 days	Whooping cough	Isolation, rest	Recovered
1918	Paul Lewis	33	M	Engineer	1913 Ash St.	East Alton	Ill.	U.S.A.	Dec. 10	Dec. 25	15 days	Typhoid fever	Isolation, fluids	Recovered
1918	Rebecca Miller	45	F	Homemaker	2024 Sycamore St.	East Alton	Ill.	U.S.A.	Jan. 5	Jan. 20	15 days	Smallpox	Isolation, vaccination	Recovered
1918	Samuel Moore	62	M	Retired	2135 Poplar St.	East Alton	Ill.	U.S.A.	Feb. 10	Feb. 25	15 days	Hepatitis	Isolation, rest	Recovered
1918	Tina Nelson	15	F	Student	2246 Willow St.	East Alton	Ill.	U.S.A.	Mar. 5	Mar. 20	15 days	Measles	Isolation, supportive	Recovered
1918	Victor Olsen	40	M	Farmer	2357 Cherry St.	East Alton	Ill.	U.S.A.	Apr. 10	Apr. 25	15 days	Scarlet fever	Isolation, antibiotics	Recovered
1918	Wendell Parker	25	M	Student	2468 Elm St.	East Alton	Ill.	U.S.A.	May 5	May 20	15 days	Whooping cough	Isolation, rest	Recovered
1918	Xavier Quinn	55	M	Engineer	2579 Maple St.	East Alton	Ill.	U.S.A.	Jun. 10	Jun. 25	15 days	Typhoid fever	Isolation, fluids	Recovered
1918	Yvonne Reed	30	F	Nurse	2690 Oak St.	East Alton	Ill.	U.S.A.	Jul. 5	Jul. 20	15 days	Smallpox	Isolation, vaccination	Recovered
1918	Zachary Scott	42	M	Farmer	2801 Pine St.	East Alton	Ill.	U.S.A.	Aug. 10	Aug. 25	15 days	Hepatitis	Isolation, rest	Recovered

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
Salaries, Bureau of Plant Industry—Continued.		
<i>Transfers to statutory roll of States Relations Service.</i>		
3 clerks, class 4.....	\$5,400	
2 clerks, class 2.....	2,800	
4 clerks, class 1.....	4,800	
7 clerks, at \$1,000 each.....	7,000	
5 clerks, at \$900 each.....	4,500	
6 clerks, at \$840 each.....	5,040	
6 clerks, at \$720 each.....	4,320	
3 laborers, messengers, or messenger boys, at \$480 each.....	1,440	
1 messenger boy.....	300	
	<u>\$35,600</u>	
<i>Transfer to statutory roll of Bureau of Animal Industry.</i>		
1 laborer, messenger, or messenger boy.....	480	
	<u>\$72,160</u>	
<i>Transfers from lump funds of this bureau, which funds have been correspondingly reduced.</i>		
1 seed warehouseman, from purchase and distribution of valuable seeds.....	\$1,400	
1 seed warehouseman, from purchase and distribution of valuable seeds.....	1,020	
1 seed warehouseman, from new and rare seeds.....	1,000	
1 seed warehouseman, from purchase and distribution of valuable seeds.....	840	
6 clerks, class 1, from forest pathology, cotton testing, grain standardization, purchase and distribution of valuable seeds, pomological investigations, and new and rare seeds.....	7,200	
1 clerk or draftsman, from grain standardization.....	1,200	
2 clerks, at \$1,000 each, from grain standardization and pomological investigations.....	2,000	
2 clerks, at \$900 each, from new and rare seeds and cereal investigations.....	1,800	
1 clerk or draftsman, from cotton standardization.....	900	
1 messenger or laborer, from foreign seed and plant introduction.....	720	
1 messenger, messenger boy, or laborer, from foreign seed and plant introduction.....	600	
1 laboratory aid, from foreign seed and plant introduction.....	900	
1 laborer, from foreign seed and plant introduction.....	540	
3 laborers, messengers, or messenger boys, at \$480 each, from foreign seed and plant introduction.....	1,440	
1 laborer, messenger, or messenger boy, from drug and other plants.....	480	
1 laborer or messenger boy, from crop acclimatization.....	420	
3 charwomen, at \$240 each, from crop technology, pomological investigations, and horticultural investigations.....	720	
1 messenger boy, from forest pathology.....	360	
	<u>23,540</u>	
		<u>\$48,620</u>
Apparent decrease.....		48,740
<i>Change of title.</i>		
1 laborer or charwoman, at \$480, changed to 2 charwomen, at \$240 each.		
2 laborers, at \$420 each, changed to 2 laborers or messenger boys, at \$420 each.		

General Expenses, Bureau of Plant Industry—

- (73) For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(74) For investigations of plant diseases [including diseases of ginseng] and pathological collections (<i>act June 30, 1914, vol. 38, pp. 421-423, sec. 1</i>) -----	\$37, 000. 00	
NOTE.—The words "including diseases of ginseng" should be omitted. The work on ginseng diseases will be completed by the end of the present fiscal year. The \$2,500 previously utilized for this work should be used for the extension of studies on the bacteriology and pathology of spoiled corn, and the prosecution of the pathological field work on the tobacco-wilt disease.		
(75) For the control of diseases of orchard and other fruits [\$52,675] (<i>same act</i>) -----	58, 255. 00	
NOTE.—There is an increase in the above item of \$5,580, as follows: Citrus and subtropical fruit diseases, \$3,440. This amount is required for the investigation of the citrus canker disease, which is becoming alarmingly prevalent and destructive upon lemon, orange, and grapefruit trees in Florida in spite of the efforts of the State and local authorities to control it. The disease also occurs in Alabama, Mississippi, and Texas. Fruit rots and spots, \$2,140. This is needed to effectively handle the studies of fruit decays with special reference to the relation of temperature as a factor in influencing the development of the decay fungi which are the destructive agents in the decays of fruit undergoing transportation and storage. These pathological studies are required in connection with the development of improved methods in the culture and handling of fruits for long-distance transportation and storage.		
(76) For the control of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control, and by putting into application methods of control already discovered [\$69,510] (<i>same act</i>) -----	67, 950. 00	
NOTE.—There is an apparent decrease in the above item of \$1,560, but as one clerk at \$1,200 and one messenger boy at \$360 have been transferred to the statutory roll, there is no change in this subappropriation.		
(77) For the control of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants [\$46,000, of which sum \$1,000 shall be immediately available;] (<i>same act</i>) -----	51, 000. 00	
NOTE.—There is an increase in the above item of \$5,000. This is needed for the extension of the studies on powdery scab on potatoes in Maine, and of leaf roll and related diseases of the potato especially in the Rocky Mountain districts. The control of these destructive diseases is essential to the development of the potato industry along sound economic lines. The words "of which sum \$1,000 shall be immediately available" should be omitted.		
(78) For investigating the physiology of crop plants and for testing and breeding varieties thereof [\$44,540] (<i>same act</i>) -----	47, 040. 00	
NOTE.—There is an increase in the above item of \$2,500. This increase is needed to make possible the effective utilization of the facilities now provided on the Indian Reservations of the Southwest by the Office of Indian Affairs in the Department of the Interior. This will permit an important needed extension of studies of the life history and breeding of Egyptian and other long-staple cotton; testing and breeding varieties of dates, pistaches, and other new tree crops suited for growing without irrigation in the Southwest.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(79) For soil-bacteriology and plant-nutrition investigations, including the testing of samples, procured in the open market, of cultures for inoculating legumes, and hereafter if any such samples are found to be impure, nonviable, or misbranded, the results of the tests may be published, together with the names of the manufacturers and of the persons by whom the cultures were offered for sale 【\$35,000】 (act June 30, 1914, vol. 38, pp. 421-423, sec. 1) -----	\$48, 000. 00	
NOTE.—There is an increase in the above item of \$13,000. This is needed because the propaganda for the utilization of legumes for soil improvement throughout the country has caused a demand for bacterial cultures beyond the present ability of the department to supply. Both to facilitate the extension work in the use of legumes on the part of the farm demonstration force of the department and to determine standard requirements for commercial bacterial cultures for legumes it is strongly recommended that provision be made to enable the department to meet a reasonable demand for legume cultures. With the rapid development of commercial preparation of such cultures it is important for the protection of the farmers that the department be given opportunity for testing commercial cultures and for inspecting commercial laboratories. The language of the above paragraph has been changed as indicated to provide for the proposed work.		
(80) For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms (same act) -----	32, 700. 00	
NOTE.—Under the plan of reorganization this item has been transferred from the Bureau of Soils, and the appropriation of that bureau has been correspondingly reduced.		
(81) For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection 【\$38,000】 (same act) -----	40, 580. 00	
NOTE.—There is an apparent increase in this item of \$2,580, but as one messenger boy at \$420 has been transferred to the statutory roll, there is an actual increase of \$3,000. This increase is needed to provide for the necessary facilities and field men in the new system of cotton culture which has been developed under this appropriation, these men to serve as guides and instructors of the demonstration force of the department in the introduction of the new system in communities where this work should be undertaken.		
(82) For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations 【\$55,380】 (same act) -----	51, 320. 00	
NOTE.—There is an apparent decrease in the above item of \$4,060, but as one messenger boy at \$480 has been transferred to the statutory roll, and \$8,580 has been transferred to the Bureau of Animal Industry, for stock poisoning plant investigations, there is an actual increase of \$5,000, as follows:		
Drug and related plants and their products, \$2,500. This is required for the effective prosecution of the investigations in camphor and volatile oil production in Florida and elsewhere. The work which has been under way for several years has recently been relocated and requires additional equipment in the form of technical apparatus suitable for the needs of the work.		
Miscellaneous drug and poisonous plant investigations, \$2,500. Under the plan of reorganization the live stock poisoning plant investigations, involving the expenditure of \$8,580, have been transferred to the Bureau of Animal Industry. This leaves in the Bureau of Plant Industry the technical botanical work related to the live stock poisoning plant investigations which will require \$2,500 for the salary and expenses of the assistant engaged upon that work. This expenditure has previously been carried by the Forest Service, most of the work having been located in the national forests, but as the project involves a field much broader than the area of the national forests the expenses should be provided for in the Bureau of Plant Industry.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(83) For crop technological and fiber plant investigations 【\$10,010】 (act June 30, 1914, vol. 38, pp. 421-423, sec. 1) -----	\$12,270.00	
<p>NOTE.—There is an apparent increase in the above item of \$2,260, but as one charwoman at \$240 has been transferred to the statutory roll, there is an actual increase of \$2,500. This amount is urgently needed for the investigation of free-living and plant infesting nematodes the destructiveness of which on many crops, including sugar beets and potatoes, has become increasingly evident and important.</p>		
<p>【For investigating the ginning, handling, grading, baling, gin compressing, and wrapping of cotton, and the establishment and demonstration of standards for the different grades thereof, and for carrying into effect the provisions of law relating thereto, \$91,000: <i>Provided</i>, That of this sum \$10,000 may be used for furnishing the official grades as standardized by the Government and samples of the bleached and unbleached yarns made from such grades, showing the waste, tensile strength, and bleaching quality thereof, to such primary cotton markets as organize associations for the purpose of receiving and caring for them under such rules and regulations as the Secretary of Agriculture may prescribe, such official grades and samples of yarns to be furnished upon the request of any such association at not to exceed the actual cost of the preparation of such official grades and samples of yarn: <i>Provided further</i>, That of the sum thus appropriated \$60,000 is to be used for testing the waste, tensile strength, and bleaching qualities of the different grades of cotton as standardized by the Government in order to determine their relative spinning values and for demonstrating the results of such tests 】</p>		
<p>NOTE.—The above item has been redrafted to read as follows:</p>		
(84) <i>For the establishment and demonstration of standards for the different grades and qualities of cotton, and for carrying into effect the provisions of law relating thereto, and for investigating the ginning, handling, grading, baling, compressing, and wrapping of cotton as related to grade and spinning quality, \$88,900: Provided, That of the sum thus appropriated, \$58,800 may be used for testing the waste, tensile strength, and bleaching qualities of the different grades and classes of cotton as standardized by the Government in order to determine their relative spinning values and for demonstrating the results of such tests (same act)</i> -----	88,900.00	
<p>NOTE.—There is an apparent decrease in the above item of \$2,100, but as one clerk or draftsman at \$900, and one clerk at \$1,200, have been transferred to the statutory roll, there is no change in the item.</p> <p>The new wording of this item has been drafted with a view to more clearly outlining the cotton grade standardization and spinning test work of the bureau. The proviso authorizing the expenditure of \$10,000 for furnishing official grades and samples of bleached and unbleached yarn, made from such grades to associations organized for the purpose of receiving and caring for them has been omitted. That proviso is regarded as unnecessary, it being believed that every useful purpose intended to be accomplished under it can be more effectively accomplished under the proviso which authorizes the testing of waste, tensile strength, and bleaching qualities of the different grades and classes of cotton in order to determine their relative spinning values and for demonstrating the results of such tests.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(85) For investigating the handling, grading, and transportation of grain, and the fixing of definite grades thereof [\$76,320] (<i>act June 30, 1914, vol. 38, pp. 421-423, sec. 1</i>)	\$72, 920. 00	
NOTE.—There is an apparent decrease of \$3,400, but as one clerk or draftsman at \$1,200, one clerk at \$1,200, and one clerk at \$1,000 have been transferred to the statutory roll, there is no change in the item.		
(86) For biophysical investigations in connection with the various lines of work herein authorized (<i>same act</i>)	25, 000. 00	
(87) For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale (<i>same act</i>)	28, 700. 00	
(88) For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom-corn production [\$135,405] <i>\$134,505: Provided, That not less than \$40,000 shall be set aside for the study of corn improvement and methods of corn production (same act)</i>	134, 505. 00	
NOTE.—There is an apparent decrease of \$900 in this item, but as one clerk at \$900 has been transferred to the statutory roll, there is no change in the item.		
(89) For the investigation and improvement of tobacco and the methods of tobacco production and handling [\$25,000] (<i>same act</i>)	27, 000. 00	
NOTE.—There is an increase in the above item of \$2,000. This amount is needed to permit of the more effective prosecution of the Burley tobacco investigations in Kentucky and Tennessee for the purpose of determining the causes of the decline in the productiveness of Burley soils. The enlargement of the work is urged by the Kentucky Experiment Station, which is cooperating with the department.		
(90) For testing and breeding fibrous plants, including the testing of flax straw, in cooperation with the North Dakota Agricultural College, which may be used for paper making (<i>same act</i>)	10, 840. 00	
(91) For the breeding and physiological study of alkali-resistant and drought-resistant crops (<i>same act</i>)	22, 280. 00	
(92) For sugar-beet investigations, including studies of diseases and the improvement of the beet and methods of culture, and to determine for each sugar-beet area the agricultural operations required to insure a stable agriculture, \$41,495: <i>Provided, That of this sum \$10,000 may be used for investigations in connection with the production of table sirup, including the breeding, culture, and diseases of cane, and the methods of manufacture, standardization, and marketing of sirup, and the utilization of cane by-products (same act)</i>	41, 495. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915,
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(93) For investigations in economic and systematic botany and the improvement and utilization of wild plants and grazing lands ["\$24,000"] (<i>act June 30, 1914, vol. 38, pp. 421-423, sec. 1</i>) ----- \$27, 000. 00		
NOTE.—There is an increase in the above item of \$3,000. This amount is needed for botanical studies of range plants required in the cooperative work with the Forest Service, that work having assumed an importance and magnitude impossible to adequately handle with the funds now available.		
["To investigate and encourage the adoption of improved methods of farm management and farm practice, \$240,000: <i>Provided</i>, That of the amount hereby appropriated the sum of \$9,180 may be used in the investigation and utilization of cacti and other dry-land plants as food for stock;"]		
NOTE.—Under the plan of reorganization this item has been transferred as follows:		
"Farm structures," to Office of Public Roads and Rural Engineering.. \$12, 805 "Farm home management," to States Relations Service 3, 320 "Investigation of the utilization of cacti and other dry-land plants," to item for new and rare seeds, in this bureau..... 9, 180 "Investigations to determine the most effective methods of eradicating weeds," to item for new and rare seeds, in this bureau..... 8, 340 Remainder of work transferred to Office of Farm Management in the Secretary's office 206, 355 240, 000		
["For farmers' cooperative demonstration work outside of the cotton belt, \$400,000;"]		
NOTE.—Under the plan of reorganization this item has been transferred to the States Relations Service.		
["For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, \$673,240: <i>Provided</i>, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State;"]		
NOTE.—Under the plan of reorganization this item has been transferred to the States Relations Service.		
(94) For the investigation and improvement of methods of crop production under subhumid, semiarid, or dry-land conditions, \$160,000: <i>Provided</i> , That the limitation in this act as to the cost of farm buildings shall not apply to this paragraph (<i>same act</i>) ----- 160, 000. 00		
["For studying methods of clearing off "logged off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing, in cooperation with the States, companies, or individuals, or otherwise, \$5,000;"]		
NOTE.—Under the plan of reorganization this item has been transferred to the Office of Farm Management in the Secretary's office.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
(95) For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation act, and other areas in the arid and semiarid regions 【\$70,380】 (act June 30, 1914, vol. 38, pp. 421-423, sec. 1) -----	\$72,880.00	
NOTE.—There is an increase in the above item of \$2,500. This amount is required for the increased investigational activities upon the field stations on the Government reclamation projects for work in cooperation with the Bureau of Animal Industry in the direction of encouraging the development of a live stock industry which is required in many sections to place irrigation agriculture upon a sound economic basis.		
(96) For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, packing, storing, handling, and shipping, and for experimental shipments of fruits within the United States and to foreign countries 【\$107,500】 (same act) ..	105,060.00	
NOTE.—There is an apparent decrease in the above item of \$2,440, but as one clerk at \$1,200, one clerk at \$1,000, and one charwoman at \$240, have been transferred to the statutory roll, there is no change in the item.		
(97) To cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses (same act)	11,690.00	
(98) For horticultural investigations, including the study of producing, handling, and shipping truck and related crops, including potatoes, and the study of landscape and vegetable gardening, floriculture, and related subjects 【\$56,320】 (same act)	56,080.00	
NOTE.—There is an apparent decrease in the above item of \$240, but as one charwoman at \$240 has been transferred to the statutory roll, there is no change in the item.		
(99) For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the act of Congress approved Apr. 18, 1900, \$15,000: <i>Provided, That the limitation in this act as to the cost of farm buildings shall not apply to this paragraph</i> (same act) ..	15,000.00	
NOTE.—As it may become necessary to erect farm buildings on the Arlington farm involving a larger expenditure than \$1,500 it is recommended that this paragraph be excepted from the limitation of law on the cost of such buildings as has been found necessary in the subappropriation for Investigations in dry-land agriculture. It is therefore recommended that the same proviso be added as is carried by that subappropriation.		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<p>(100) For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country ["\$74,600"] (<i>act June 30, 1914, vol. 38, pp. 421-423, sec. 1</i>) -----</p>	\$75,400.00	
<p>NOTE.—There is an apparent increase in the above item of \$800; but as one laboratory aid at \$900, one laborer at \$720, one laborer at \$600, one laborer at \$540, two laborers at \$480, and one messenger boy at \$480 have been transferred to the statutory roll, there is an actual increase of \$5,000.</p> <p>The passage of the plant quarantine act has practically closed the avenues for the importation by private individuals of new or little-known plant material from foreign countries. This has had the effect of greatly increasing the demand upon the department for the handling of such material, necessitating enlarged facilities for such handling with special reference to the effective treatment and disinfection of valuable plants and plant material to insure against the introduction of new plant parasites. The present facilities are entirely inadequate and there is required a special quarantine greenhouse for the inspection, sterilization, spraying, and fumigation of such plant material, together with provision for the temporary maintenance and propagation in quarantine of rare and valuable plants during the process of disinfection. The increase requested is therefore urgently recommended for this purpose.</p>		
<p>(101) For the purchase, propagation, testing, and distribution of new and rare seeds; ["and"] for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, <i>including the investigation of the utilization of cacti and other dry-land plants; and to conduct investigations to determine the most effective methods of eradicating weeds</i> ["\$166,500"], <i>\$119,920: Provided, That of this amount not to exceed ["\$100,000"] \$39,000 may be used for the purchase and distribution of ["such new and rare seeds;"] drought-resistant field seeds throughout the Great Plains area and other dry-land sections of the United States (same act)</i> -----</p>	119,920.00	
<p>NOTE.—There is an apparent decrease in the above item of \$46,580, but an actual decrease of \$43,480, due to the following changes:</p> <p>Transfers to the statutory roll of one clerk at \$1,200, one clerk at \$900, and one seed warehouseman at \$1,000.</p> <p>Reduction of \$61,000 in the proviso of \$100,000 to \$39,000 for the purchase and distribution of drought-resistant field seeds.</p> <p>Increase of \$17,520 because of the transfer, under the plan of reorganization, to this item from the item for farm management investigations of \$9,180 for investigations of the utilization of cacti and other dry-land plants, and \$8,340 for investigations to determine the most effective methods of eradicating weeds.</p> <p>The continuance of the appropriation for the purchase and distribution of valuable seeds having been provided for in the appropriation for 1915, it is considered advisable in the interest of economy to discontinue during the fiscal year ending June 30, 1916, the distribution of new and rare seeds except to the extent of \$39,000 required for the distribution of drought-resistant field seeds in the Great Plains area, which amount was carried in the appropriation for the purchase and distribution of valuable seeds prior to the fiscal year 1915.</p>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
(102) For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto (<i>act of June 30, 1914, vol. 38, pp. 421-423, sec. 1</i>) -----	\$32,490.00		
In all, for general expenses -----	\$1,573,275.00	\$2,880,875.00	
Appropriations for 1906.....	\$376,100	Estimates for 1907.....	\$541,460
Appropriations for 1907.....	495,260	Estimates for 1908.....	584,780
Appropriations for 1908.....	584,780	Estimates for 1909.....	666,266
Appropriations for 1909.....	896,266	Estimates for 1910.....	1,127,006
Appropriations for 1910.....	1,180,796	Estimates for 1911.....	1,133,346
Appropriations for 1911.....	1,193,346	Estimates for 1912.....	1,347,326
Appropriations for 1912.....	1,441,536	Estimates for 1913.....	1,438,590
Appropriations for 1913.....	1,658,080	Estimates for 1914.....	2,099,680
Appropriations for 1914.....	1,944,305	Estimates for 1915.....	2,237,135
Appropriations for 1915.....	2,880,875	Estimates for 1916.....	1,573,275
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Pathological laboratory, 1916, \$37,000.		Pathological laboratory, 1914, \$30,000, and \$1,929 by transfer from other lump funds; total, \$31,929.	
Salaries..... \$27,001.00		Salaries..... \$23,308.32	
As follows:		As follows:	
In Washington—		In Washington—	
1 pathologist in charge, \$4,000.		1 pathologist in charge, \$4,000.	
1 pathologist, \$1,800.		1 pathologist, \$1,800.	
2 assistant pathologists, at \$2,040 each.		3 assistant pathologists, at \$1,800 each.	
1 assistant pathologist, \$1,800.		1 mycologist, \$2,220.	
1 mycologist, \$2,220.		1 assistant mycologist, \$1,200.	
1 assistant mycologist, \$1,800.		1 scientific assistant, \$1,440.	
2 scientific assistants, at \$1,620 each.		1 scientific assistant, \$1,380.	
2 scientific assistants, at \$1,440 each.		1 scientific assistant, \$1,620 (5 months), and collaborator, \$10 per month (7 months).	
1 scientific assistant, \$1,380.		1 scientific assistant, \$1,200.	
1 scientific assistant, \$1,000.		1 botanical translator, \$1,000.	
1 botanical translator, \$1,000.		1 skilled laborer, \$300.	
Out of Washington—		Out of Washington—	
1 collaborator, \$1 per annum.		1 agent, \$1,200.	
		2 agents, at \$100 each per month (5 months).	
		1 agent, \$75 per month (3 months).	
		2 agents, at \$75 each per month (7 months).	
Traveling expenses..... 4,200.00		Traveling expenses..... 2,317.18	
Supplies and equipment..... 2,120.00		Supplies and equipment..... 3,730.71	
Miscellaneous expenses..... 3,679.00		Miscellaneous expenses..... 824.60	
Total estimate, 1916..... 37,000.00		Total expenditures, 1914..... 30,180.81	
Total appropriation, 1915..... 37,000.00			



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Plant Industry—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Fruit diseases, 1916, \$58,255.</p> <hr/> <p>Salaries..... \$39,700.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 pathologist in charge, \$4,000</p> <p>2 plant pathologists, at \$3,240 each.</p> <p>1 plant pathologist, \$2,520.</p> <p>4 assistant pathologists, at \$1,800 each.</p> <p>1 botanical artist, \$1,800.</p> <p>2 scientific assistants, at \$1,620 each.</p> <p>1 assistant in spraying experiments, \$1,620.</p> <p>1 scientific assistant, \$1,440</p> <p>1 scientific assistant, \$1,200.</p> <p>Out of Washington—</p> <p>2 plant pathologists, at \$2,520 each.</p> <p>2 scientific assistants, at \$1,620 each.</p> <p>1 scientific assistant, \$1,440.</p> <p>1 laborer, \$480.</p> <p>Traveling expenses..... 12,500.00</p> <p>Supplies and equipment..... 3,739.90</p> <p>Miscellaneous expenses..... 2,315.10</p> <hr/> <p>Total estimate, 1916..... 58,255.00</p> <p>Total appropriation, 1915..... 52,675.00</p> <hr/> <p>Increase..... 5,580.00</p>	<p align="center">Fruit diseases, 1914, \$40,675, less \$1,297.72 by transfer to other lump funds, net amount \$39,377.28.</p> <hr/> <p>Salaries..... \$27,887.75</p> <p>As follows:</p> <p>In Washington—</p> <p>1 pathologist in charge, \$3,240 and \$3,500.</p> <p>1 pathologist, \$3,000 (8 months).</p> <p>1 pathologist, \$2,750.</p> <p>1 pathologist, \$2,040.</p> <p>1 assistant pathologist, \$1,800.</p> <p>1 botanical artist, \$1,800.</p> <p>1 scientific assistant, \$1,620.</p> <p>1 scientific assistant, \$1,620 (2½ months).</p> <p>1 scientific assistant, \$1,620 (6 months).</p> <p>1 scientific assistant, \$1,620 (¾ month).</p> <p>2 scientific assistants, at \$1,440 each.</p> <p>1 scientific assistant, \$1,440 (11 months).</p> <p>1 assistant in spraying experiments, \$1,440.</p> <p>1 scientific assistant, \$1,200 (5 months).</p> <p>1 assistant in spraying experiments, \$90 per month (3 months).</p> <p>1 carpenter, \$3.50 per diem (25 days).</p> <p>1 unskilled laborer, \$1.75 per diem (52 days).</p> <p>1 unskilled laborer, \$1.75 per diem (25 days).</p> <p>Out of Washington—</p> <p>1 pathologist, \$2,220 and \$2,520.</p> <p>1 pathologist, \$2,040 and \$2,280.</p> <p>1 laborer, \$32 per month (5 months).</p> <p>Traveling expenses..... 7,663.90</p> <p>Supplies and equipment..... 2,804.68</p> <p>Miscellaneous expenses..... 842.98</p> <hr/> <p>Total expenditures, 1914..... 39,199.21</p>	
<p align="center">Forest pathology, 1916, \$67,950.</p> <hr/> <p>Salaries..... \$42,175.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 pathologist, in charge, \$3,600.</p> <p>2 pathologists, at \$3,000 each.</p> <p>1 pathologist, \$2,520.</p> <p>1 pathologist, \$2,280.</p> <p>1 forest assistant, \$1,800.</p> <p>1 scientific assistant, \$1,800.</p> <p>1 scientific assistant, \$1,400.</p> <p>Out of Washington—</p> <p>1 forest pathologist, \$3,000.</p> <p>1 forest pathologist, \$2,760.</p> <p>2 forest pathologists, at \$2,520 each.</p> <p>1 assistant pathologist, \$2,040.</p> <p>1 scientific assistant, \$1,800.</p> <p>1 scientific assistant, \$1,200.</p> <p>1 agent, \$1,400.</p> <p>2 agents, at \$1,200 each.</p> <p>1 agent, \$1,020.</p> <p>1 agent, \$600.</p> <p>4 collaborators, at \$300 each.</p> <p>1 collaborator, \$12 per annum.</p> <p>3 collaborators, at \$1 each per annum.</p> <p>1 collaborating clerk, \$300.</p> <p>Traveling expenses..... 22,775.00</p> <p>Supplies and equipment..... 2,500.00</p> <p>Miscellaneous expenses..... 500.00</p> <hr/> <p>Total estimate, 1916..... 67,950.00</p> <p>Total appropriation, 1915..... 69,510.00</p> <hr/> <p>Decrease (by transfer of 1 clerk, \$1,200, and 1 messenger boy, \$360, to statutory roll)..... 1,560.00</p>	<p align="center">Forest pathology, 1914, \$29,510, less \$200 by transfer to the lump fund for foreign seed and plant introduction, net amount, \$29,310.</p> <hr/> <p>Salaries..... \$17,310.15</p> <p>As follows:</p> <p>In Washington—</p> <p>1 pathologist, in charge, \$3,240.</p> <p>2 pathologists, at \$2,760 each.</p> <p>1 pathologist, \$2,280.</p> <p>1 pathologist, \$2,100.</p> <p>1 pathologist, \$2,040.</p> <p>1 chemist, \$2,400.</p> <p>2 assistants, at \$1,620 each.</p> <p>1 assistant, \$1,200.</p> <p>1 assistant, \$25 per month.</p> <p>1 clerk, \$1,200.</p> <p>2 messenger boys, at \$360 each.</p> <p>Out of Washington—</p> <p>1 forest pathologist, \$2,760.</p> <p>1 forest pathologist, \$2,520.</p> <p>1 forest pathologist, \$2,100.</p> <p>1 assistant pathologist, \$1,800.</p> <p>1 scientific assistant, \$1,620.</p> <p>1 scientific assistant, \$1,020.</p> <p>1 agent, \$1,200.</p> <p>2 agents, at \$85 each per month.</p> <p>1 agent, \$60 per month.</p> <p>1 agent, \$50 per month.</p> <p>1 unskilled laborer, \$1.75 per day, when actually employed.</p> <p>5 collaborators, at \$25 each per month.</p> <p>2 collaborators, at \$1 each per month.</p> <p>2 collaborators, at \$1 each per annum.</p> <p>1 collaborator clerk, \$25 per month.</p> <p>Traveling expenses..... 6,212.20</p> <p>Supplies and equipment..... 3,220.79</p> <p>Miscellaneous expenses..... 1,125.05</p> <hr/> <p>Total expenditures, 1914..... 27,868.19</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p>Cotton and truck diseases, 1916, \$51,000.</p> <p>Salaries..... \$40,480.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 pathologist in charge, \$3,500</p> <p>1 plant physiologist, \$2,760.</p> <p>1 pathologist, \$2,520.</p> <p>1 pathologist, \$2,400.</p> <p>1 physiologist, \$2,400.</p> <p>1 pathologist, \$2,280.</p> <p>1 physiologist, \$2,280.</p> <p>1 pathologist, \$2,040.</p> <p>2 plant pathologists, at \$2,000 each.</p> <p>2 assistant pathologists, at \$1,800 each.</p> <p>1 scientific assistant, \$1,800.</p> <p>2 scientific assistants, at \$1,620 each.</p> <p>1 scientific assistant, \$1,500.</p> <p>1 plant pathologist, \$1,440.</p> <p>1 scientific assistant, \$1,440.</p> <p>1 scientific assistant, \$1,380.</p> <p>Out of Washington—</p> <p>1 agent, \$1,000.</p> <p>1 agent, \$600.</p> <p>1 collaborator, \$300.</p> <p>Traveling expenses..... 7,000.00</p> <p>Supplies and equipment..... 2,500.00</p> <p>Miscellaneous expenses..... 1,020.00</p> <p>Total estimate, 1916..... 51,000.00</p> <p>Total appropriation, 1915..... 46,000.00</p> <p>Increase..... 5,000.00</p>	<p>Cotton and truck diseases, 1914, \$25,000 and \$10.90 from other lump funds; total, \$25,010.90.</p> <p>Salaries..... \$17,760.66</p> <p>As follows:</p> <p>In Washington—</p> <p>1 pathologist in charge, \$3,500 (5½ months).</p> <p>1 physiologist, \$2,280.</p> <p>1 pathologist, \$2,280 (6 months).</p> <p>1 pathologist, \$2,240.</p> <p>1 pathologist, \$2,040.</p> <p>1 pathologist, \$2,000 (6 months).</p> <p>1 scientific assistant, \$1,620 (9½ months).</p> <p>1 scientific assistant, \$1,500.</p> <p>1 helminthologist, \$100 per month (3 months).</p> <p>3 student assistants, at \$25 each per month (3 to 8 months).</p> <p>Out of Washington—</p> <p>1 agent, \$1,000.</p> <p>1 assistant pathologist, \$800.</p> <p>1 collaborator, \$100.</p> <p>1 xyloptomist, \$100 per month (5 months).</p> <p>1 plant pathologist, \$75 per month (3 months).</p> <p>1 assistant, \$100 per month (2½ months).</p> <p>2 collaborators, at \$20 each per month.</p> <p>31 collaborators, at \$1 each per month.</p> <p>Traveling expenses..... 4,501.34</p> <p>Supplies and equipment..... 988.02</p> <p>Miscellaneous expenses..... 1,608.15</p> <p>Total expenditures..... 24,858.17</p>	
<p>Crop physiology, 1916, \$47,040.</p> <p>Salaries..... \$24,000.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 physiologist in charge, \$4,000.</p> <p>1 arboriculturist, \$2,760.</p> <p>1 botanical assistant, \$1,920.</p> <p>1 assistant plant breeder, \$1,920.</p> <p>1 indexer and translator of Chinese, \$1,380.</p> <p>1 unskilled laborer, \$1.75 per diem.</p> <p>1 unskilled laborer, \$1.50 per diem.</p> <p>4 student assistants, at \$300 each.</p> <p>Out of Washington—</p> <p>1 assistant in arboriculture, \$2,400.</p> <p>1 physiologist, \$5 per diem, when actually employed.</p> <p>1 special agent, \$1,200.</p> <p>1 special agent, \$4 per diem, when actually employed.</p> <p>1 special agent, \$900.</p> <p>1 special agent, \$5 per diem, when actually employed.</p> <p>1 teamster, \$960.</p> <p>2 collaborators, at \$300 each.</p> <p>6 collaborators, at \$12 each per annum.</p> <p>1 unskilled laborer, \$50 per month (5 months).</p> <p>1 station superintendent, \$1,380.</p> <p>Traveling expenses..... 12,650.00</p> <p>Supplies and equipment..... 8,050.00</p> <p>Miscellaneous expenses..... 2,340.00</p> <p>Total estimate, 1916..... 47,040.00</p> <p>Total appropriation, 1915..... 44,540.00</p> <p>Increase..... 2,500.00</p>	<p>Crop physiology, 1914, \$33,380, and \$350 by transfer from the lump fund for tobacco investigations, less \$594 by transfer to lump fund for foreign seed and plant introduction; net amount, \$33,136.</p> <p>Salaries..... \$19,197.67</p> <p>As follows:</p> <p>In Washington—</p> <p>1 physiologist in charge, \$4,000.</p> <p>1 arboriculturist, \$2,760.</p> <p>1 botanical assistant, \$1,800.</p> <p>1 assistant plant breeder, \$1,800.</p> <p>1 unskilled laborer, \$1.75 per diem.</p> <p>2 student assistants, at \$300 each.</p> <p>Out of Washington—</p> <p>1 assistant in arboriculture, \$2,250.</p> <p>1 physiologist, \$5 per diem, when actually employed.</p> <p>1 special agent, \$4 per diem, when actually employed.</p> <p>2 special agents, at \$900 each.</p> <p>1 special agent, \$5 per diem, when actually employed.</p> <p>1 teamster, \$960.</p> <p>2 collaborators, at \$300 each.</p> <p>6 collaborators, at \$12 each per annum.</p> <p>Traveling expenses..... 7,825.59</p> <p>Supplies and equipment..... 4,538.83</p> <p>Miscellaneous expenses..... 1,487.40</p> <p>Total expenditures, 1914..... 33,049.49</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p>Bacteriology and nutrition, 1916, \$48,000.</p> <p>Salaries..... \$32,040.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 physiologist in charge, \$3,240.</p> <p>1 physiologist, \$2,700 (4 months).</p> <p>1 soil biologist, \$2,750.</p> <p>1 assistant soil mycologist, \$2,040.</p> <p>1 assistant physiologist, \$2,040.</p> <p>1 assistant physiologist, \$2,000.</p> <p>2 scientific assistants, at \$1,800 each.</p> <p>1 assistant physiologist, \$1,620.</p> <p>3 scientific assistants, at \$1,620 each.</p> <p>2 scientific assistants, at \$1,440 each.</p> <p>4 student assistants, at \$25 each per month.</p> <p>3 student assistants, at \$25 each per month (temporary).</p> <p>Out of Washington—</p> <p>1 physiologist, \$2,520.</p> <p>1 scientific assistant, \$1,200.</p> <p>2 unskilled laborers, at \$60 each per month (temporary).</p> <p>Traveling expenses..... 3,200.00</p> <p>Supplies and equipment..... 9,500.00</p> <p>Miscellaneous expenses..... 3,260.00</p> <p>Total estimate, 1916..... 48,000.00</p> <p>Total appropriation, 1915..... 35,000.00</p> <p>Increase..... 13,000.00</p>	<p>Bacteriology and nutrition, 1914, \$30,000, and \$296.91 by transfer from other lump funds, total, \$30,296.91.</p> <p>Salaries..... \$19,695.64</p> <p>As follows:</p> <p>In Washington—</p> <p>1 physiologist in charge, \$3,240.</p> <p>1 physiologist, \$2,500 (4 months).</p> <p>1 soil biologist, \$2,750 (3 months).</p> <p>1 assistant soil mycologist, \$1,800.</p> <p>2 assistant physiologists, at \$1,800 each.</p> <p>1 scientific assistant, \$1,620 (6 months).</p> <p>1 scientific assistant, \$1,800 (6 months).</p> <p>1 scientific assistant, \$1,440.</p> <p>1 assistant physiologist, \$1,400.</p> <p>1 scientific assistant, \$1,380.</p> <p>3 student assistants, at \$25 per month each (temporary).</p> <p>1 unskilled laborer, \$60 per month (temporary).</p> <p>Out of Washington—</p> <p>1 physiologist, \$2,400.</p> <p>2 unskilled laborers, at 25 cents each per hour when actually employed.</p> <p>Traveling expenses..... 2,557.57</p> <p>Supplies and equipment..... 7,065.78</p> <p>Miscellaneous expenses..... 620.90</p> <p>Total expenditures, 1914..... 29,939.89</p>	
<p>Soil fertility investigations, 1916, \$32,709.</p> <p>Salaries..... \$28,260.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 scientist, \$3,750.</p> <p>1 scientist, \$2,750.</p> <p>1 scientist, \$2,280.</p> <p>1 scientist, \$2,220.</p> <p>1 scientist, \$2,100.</p> <p>1 scientist, \$1,800.</p> <p>2 scientists, at \$1,800 each.</p> <p>3 scientists, at \$1,440 each.</p> <p>2 laboratory aids, at \$1,440 each.</p> <p>Traveling expenses..... 500.00</p> <p>Supplies and equipment..... 3,440.00</p> <p>Miscellaneous expenses..... 500.00</p> <p>Total estimates, 1916..... 32,700.00</p> <p>Total appropriation, 1915..... 32,700.00</p> <p>NOTE.—This appropriation was transferred from the Bureau of Soils.</p>	<p>Soil fertility investigations, 1914, \$27,200, and \$100 by transfer from the lump fund for soil survey investigations, total, \$27,300.</p> <p>Salaries..... \$23,885.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 scientist, \$3,750.</p> <p>1 scientist, \$2,750.</p> <p>1 scientist, \$2,500.</p> <p>1 scientist, \$2,040 and \$2,280.</p> <p>1 scientist, \$1,980 and \$2,220.</p> <p>1 scientist, \$1,980.</p> <p>1 scientist, \$1,800 (9½ months).</p> <p>1 scientist, \$1,800 (9 months).</p> <p>1 scientist, \$1,740.</p> <p>1 scientist, \$1,440.</p> <p>1 scientist, \$1,320.</p> <p>1 laboratory aid, \$1,440.</p> <p>Traveling expenses..... 203.90</p> <p>Supplies and equipment..... 2,753.70</p> <p>Miscellaneous expenses..... 436.00</p> <p>Total expenditures, 1914..... 27,278.69</p> <p>NOTE.—This appropriation was under the Bureau of Soils in 1914.</p>	
<p>Crop acclimatization, 1916, \$40,580.</p> <p>Salaries..... \$27,425.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 bionomist in charge, \$4,000.</p> <p>1 botanist, \$2,700.</p> <p>1 botanist, \$2,520.</p> <p>1 assistant agronomist, \$1,800.</p> <p>1 assistant in crop acclimatization, \$1,800.</p> <p>1 scientific assistant, \$1,800.</p> <p>1 scientific assistant, \$1,620.</p> <p>1 assistant agriculturist, \$1,500.</p> <p>1 assistant in crop acclimatization, \$1,440.</p> <p>1 assistant in crop acclimatization, \$1,200.</p> <p>1 clerk and scientific assistant in library science, \$1,140.</p> <p>2 student assistants, at \$300 each.</p> <p>Out of Washington—</p> <p>1 plant breeder, \$2,040.</p> <p>1 assistant in crop acclimatization, \$1,200.</p> <p>1 assistant in crop acclimatization, \$840.</p>	<p>Crop acclimatization, 1914, \$38,000.</p> <p>Salaries..... \$23,552.25</p> <p>As follows:</p> <p>In Washington—</p> <p>1 bionomist in charge, \$3,500.</p> <p>1 botanist, \$2,700.</p> <p>1 botanist, \$2,520 (8 months).</p> <p>1 assistant agronomist, \$1,800 (5 months).</p> <p>1 assistant in crop acclimatization, \$1,800 (10½ months).</p> <p>1 scientific assistant, \$1,800.</p> <p>1 assistant agriculturist, \$1,500 (10 months).</p> <p>1 scientific assistant, \$1,380.</p> <p>1 assistant in crop acclimatization, \$1,200.</p> <p>1 assistant in crop acclimatization, \$1,140.</p> <p>1 clerk and scientific assistant in library science, \$1,140 (9½ months).</p> <p>6 student assistants, at \$25 each per month (5½ months).</p> <p>Out of Washington—</p> <p>1 plant breeder, \$2,040.</p> <p>1 agriculturist, \$1,800 (4 months).</p> <p>1 assistant in crop acclimatization, \$900.</p> <p>1 assistant in crop acclimatization, \$840 (11½ months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Crop acclimatization, 1916, \$40,580.</p> <p>Out of Washington—Continued. 4 student assistants, at \$300 each. 2 collaborators, at \$12 each per annum. 1 collaborator, \$1 per annum.</p> <p>Traveling expenses..... \$11,000.00 Supplies and equipment..... 1,500.00 Miscellaneous expenses..... 655.00 Total estimate, 1916..... 40,580.00 Total appropriation, 1915..... 38,000.00 Increase (but as 1 messenger boy, at \$420, has been transferred to statutory roll, the actual in- crease is \$3,000)..... 2,580.00</p>	<p align="center">Crop acclimatization, 1914, \$38,000.</p> <p>Out of Washington—Continued. 1 unskilled laborer, \$60 per month (5½ months). 4 student assistants, at \$25 each per month (4 months). 2 collaborators, at \$12 each per annum. 1 collaborator, \$1 per annum. 1 laborer, \$1.25 per diem when actually employed.</p> <p>Traveling expenses..... \$11,797.75 Supplies and equipment..... 1,930.25 Miscellaneous expenses..... 666.01 Total expenditures, 1914..... 37,946.26</p>	
<p align="center">Drug and other plants, 1916, \$51,320.</p> <p>Salaries..... \$38,820.00 As follows: In Washington— 1 physiologist, \$3,750. 2 physiologists, at \$2,640 each. 1 physiologist, \$2,040. 1 physiologist, \$2,040 (6 months). 1 organic chemist, \$2,400. 1 chemical biologist, \$2,400. 3 chemical biologists, at \$2,040 each. 1 chemical biologist, \$1,800. 1 assistant botanist, \$1,620. 2 scientific assistants, at \$1,200 each. 1 laboratory technician, \$1,200. 1 unskilled laborer, \$2 per diem when actually employed.</p> <p>Out of Washington— 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,620. 1 scientific assistant, \$1,440. 1 scientific assistant, \$1,200. 1 expert, \$1,200. 2 unskilled laborers, at \$2 per diem when actually employed. 1 collaborator, \$25 per month. 1 collaborator, \$1 per month.</p> <p>Traveling expenses..... 5,000.00 Supplies and equipment..... 7,000.00 Miscellaneous expenses..... 500.00 Total estimate, 1916..... 51,320.00 Total appropriation, 1915..... 55,380.00 Decrease (but as 1 messenger boy at \$480 has been transferred to statutory roll and \$3,580 trans- ferred to Bureau of Animal In- dustry, the actual increase is \$5,000)..... 4,060.00</p>	<p align="center">Drug and other plants, 1914, \$50,000 (less \$1,176.39 by transfer to other lump funds; net amount, \$48,823.61).</p> <p>Salaries..... \$36,031.75 As follows: In Washington— 1 physiologist, \$3,500. 2 physiologists, at \$2,640 each. 1 physiologist, \$2,460. 1 physiologist, \$2,040. 1 physiologist, \$1,800. 1 chemical biologist, \$2,400. 1 chemical biologist, \$2,040 (6 months). 2 chemical biologists, at \$1,800 each. 1 chemical biologist, \$1,800 (6 months). 1 chemical biologist, \$1,620. 1 expert, \$150 per month (3 months). 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,200 (1 month). 1 laboratory technician, \$900 (1 month). 1 clerk, \$900. 1 clerk, \$75 per month (20 days). 1 clerk, \$75 per month (16 days). 1 laboratory aid, \$75 per month (15 days). 1 laborer, \$1.75 per diem (temporary). 1 messenger, \$480 (5½ months). 1 laboratory apprentice, \$420 (4½ months). 2 student assistants, at \$25 each per month (2½ months). 1 student assistant, \$25 per month (½ month). 1 charwoman, \$20 per month (4½ months).</p> <p>Out of Washington— 1 scientific assistant, \$1,620 (6 months). 1 scientific assistant, \$1,500. 1 scientific assistant, \$1,440. 1 scientific assistant, \$1,200 (1½ months). 1 expert, \$1,200. 1 unskilled laborer, \$70 per month (2½ months). 1 unskilled laborer, \$60 per month. 1 unskilled laborer, \$60 per month (2½ months). 1 unskilled laborer, \$60 per month (2½ months). 2 unskilled laborers, at \$2 per diem each, when actually employed. 1 unskilled laborer, \$55 per month (1 month). 1 unskilled laborer, \$45 per month (2½ months). 1 collaborator, \$25 per month. 1 collaborator, \$1 per month.</p> <p>Traveling expenses..... 4,331.87 Supplies and equipment..... 6,962.92 Miscellaneous expenses..... 446.38 Total expenditures, 1914..... 47,772.92</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Crop technology, 1916, \$12,270.			
Salaries.....	\$9,496.00	Crop technology, 1914, \$10,010, and \$275 by transfer from farm management, less \$94.50 by transfer to other lump funds; net amount, \$10,190.50.	
As follows:		Salaries.....	\$8,133.75
In Washington—		As follows:	
1 agricultural technologist, \$4,000 (2 months).		In Washington—	
1 plant morphologist, \$2,520 (6 months).		1 plant morphologist, \$2,220 (10½ months):	
1 pathologist, \$1,500 (6 months).		1 pathologist, \$1,500 (1 month).	
1 technologist, \$3,000 (2 months).		1 technologist, \$2,760 (3½ months).	
1 botanist, \$3,000.		1 botanist, \$3,000.	
1 scientific assistant, \$1,620.		1 scientific assistant, \$1,500.	
1 scientific assistant, \$1,200.		1 clerk, \$900 (temporary).	
3 student assistants, at \$25 each per month, when actually employed.		1 clerk, \$60 per month (temporary).	
Traveling expenses.....	1,300.00	6 student assistants, at \$25 each per month, when actually employed.	
Supplies and equipment.....	900.00	Traveling expenses.....	995.46
Miscellaneous expenses.....	574.00	Supplies and equipment.....	750.02
		Miscellaneous expenses.....	338.75
Total estimate, 1916.....	12,270.00	Total expenditures, 1914.....	10,217.98
Total appropriation, 1915.....	10,010.00		
Increase (but as 1 charwoman at \$240 has been transferred to statutory roll, this is an actual increase of \$2,500).....	2,260.00		
Cotton standardization, 1916, \$30,100.			
Salaries.....	\$14,750.00	Cotton standardization, 1914, \$36,120, and \$2,525 by transfer from other lump funds; total, \$38,645.	
As follows:		Salaries.....	\$23,243.18
In Washington—		As follows:	
1 agricultural technologist, \$4,000 (4 months).		In Washington—	
1 technologist, \$3,000 (6 months).		1 agricultural technologist, \$4,000.	
1 cotton technologist, \$2,400 (8 months).		1 technologist, \$2,760 (8½ months).	
2 assistants in agricultural technology, at \$1,500 each.		1 cotton technologist, \$2,220 and \$2,400 (7 months).	
1 assistant in agricultural technology, \$1,800.		1 assistant in agricultural technology, \$1,800 (10½ months).	
1 assistant in agricultural technology, \$1,200.		1 plant morphologist, \$2,220 (1½ months).	
1 mechanical assistant in agricultural technology, \$1,620 (6 months).		1 pathologist, \$1,500 (11 months).	
2 collaborators, at \$10 each per diem, when actually employed.		1 mechanical assistant in agricultural technology, \$1,400 and \$1,620 (7 months).	
1 unskilled laborer, \$540.		1 unskilled laborer, \$540.	
5 skilled laborers, at \$60 each per month, when actually employed.		5 student assistants, at \$25 each per month, when actually employed.	
Out of Washington—		1 cotton technologist, \$2,000 and \$2,280.	
None.		1 cotton technologist, \$2,000.	
Traveling expenses.....	4,000.00	1 scientific assistant, \$1,400.	
Supplies and equipment.....	10,000.00	3 assistants in cotton marketing, at \$1,800 each (3 months).	
Miscellaneous expenses.....	1,350.00	1 assistant in agricultural technology, \$1,200 (2 months).	
		1 laboratory aid, \$900 (2 months).	
Total estimate, 1916.....	30,100.00	1 skilled laborer, \$60 per month (1½ months).	
Total appropriation, 1915.....	31,000.00	1 messenger, \$360 (6 months).	
Decrease (by transfer of 1 clerk or draftsman at \$900 to statutory roll).....	900.00	Out of Washington—	
		85 cotton samplers, at \$3 each per diem, when actually employed.	
		1 agent, \$3 per diem, when actually employed.	
		Traveling expenses.....	9,013.03
		Supplies and equipment.....	5,246.37
		Miscellaneous expenses.....	842.08
		Total expenditures, 1914.....	38,349.66



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Cotton testing, 1916, \$58,800.</p> <p>Salaries..... \$17,030.00 As follows: In Washington— 1 agricultural technologist, \$4,000 (6 months). 1 technologist, \$3,000 (4 months). 1 cotton technologist, \$2,400 (4 months). 2 assistants in agricultural technology, at \$1,500 each. 3 assistants in agricultural technology, at \$1,440 each. 2 assistants in agricultural technology, at \$1,200 each. 1 mechanical assistant in agricultural technology, \$1,620 (6 months). 5 skilled laborers, at \$60 each per month when actually employed. Out of Washington— None.</p> <p>Traveling expenses..... 8,000.00 Supplies and equipment..... 27,000.00 Miscellaneous expenses..... 6,770.00</p> <p>Total estimate, 1916..... 58,800.00 Total appropriation, 1915..... 60,000.00</p> <p>Decrease (by transfer of 1 clerk, at \$1,200, to statutory roll) 1,200.00</p>	<p align="center">Cotton testing, 1914, \$10,000, and \$875 by transfer from other lump funds; total, \$10,875.</p> <p>Salaries..... \$4,027.52 As follows: In Washington— 2 assistants in agricultural technology, at \$1,200 each (6 months). 1 mechanical assistant in agricultural technology, \$1,400 (5 months). 1 cotton technologist, \$2,220 (5 months). 1 clerk, \$1,200 (7 months). 5 student assistants, at \$25 per month, when actually employed.</p> <p>Out of Washington— 1 collaborator, \$25 per month, when actually employed.</p> <p>Traveling expenses..... 2,122.20 Supplies and equipment..... 4,147.87 Miscellaneous expenses..... 519.96</p> <p>Total expenditures, 1914..... 10,817.55</p>	
<p align="center">Grain standardization, 1916, \$72,920.</p> <p>Salaries..... \$50,920.00 As follows: In Washington— 1 crop technologist in charge, \$3,240. 1 assistant in grain standardization, \$1,980. 1 assistant in grain standardization, \$1,800. 2 assistants in grain standardization, at \$1,620 each. 1 assistant in grain standardization, \$1,380. 1 assistant in library science, \$1,200. 1 aid in grain standardization, \$1,200. 1 aid in grain standardization, \$960. 3 aids in seed testing, at \$720 each. 1 student assistant, \$300.</p> <p>Out of Washington— 1 assistant in grain standardization, \$2,040. 4 assistants in grain standardization, at \$1,800 each. 1 assistant in grain standardization, \$1,740. 4 assistants in grain standardization, at \$1,620 each. 1 assistant in grain standardization, \$1,400. 2 aids in grain standardization, at \$1,440 each. 4 aids in grain standardization, at \$1,200 each.</p>	<p align="center">Grain standardization, 1914, \$65,000, and \$1,525 by transfer from other lump funds; total, \$66,525.</p> <p>Salaries..... \$44,573.66 As follows: In Washington— 1 crop technologist in charge, \$2,750 (6 months). 1 crop technologist in charge, \$3,240 (6 months). 1 assistant in grain standardization, \$1,980. 1 assistant in grain standardization, \$1,620 (6 months). 1 assistant in grain standardization, \$1,500. 1 assistant in grain standardization, \$1,400. 1 assistant in grain standardization, \$1,380. 1 assistant in library science, \$1,200. 1 assistant in seed testing, \$50 per month (1 month). 1 aid in grain standardization, \$1,200. 1 aid in grain standardization, \$960 (7 months). 1 aid in seed testing, \$60 per month (3 months). 1 aid in grain standardization, \$50 per month (2 months). 1 aid in grain standardization, \$40 per month (5 months). 1 draftsman, \$1,200 (7 months). 1 draftsman, \$100 per month (1 month). 1 draftsman, \$75 per month (5 months). 1 clerk, \$1,000 (5 months). 2 clerks, at \$90 each per month (6 months). 1 clerk, \$840. 1 clerk, \$720 (6 months). 1 clerk, \$70 per month (2 months). 1 student assistant, \$25 per month (9 months).</p> <p>Out of Washington— 2 assistants in grain standardization, at \$1,800 each. 1 assistant in grain standardization, \$1,740. 1 assistant in grain standardization, \$1,620. 1 assistant in grain standardization, \$1,500. 3 assistants in grain standardization, at \$1,620 each (6 months). 1 assistant in grain standardization, \$1,440 (6 months). 3 assistants in grain standardization, at \$1,380 each (6 months).</p>	

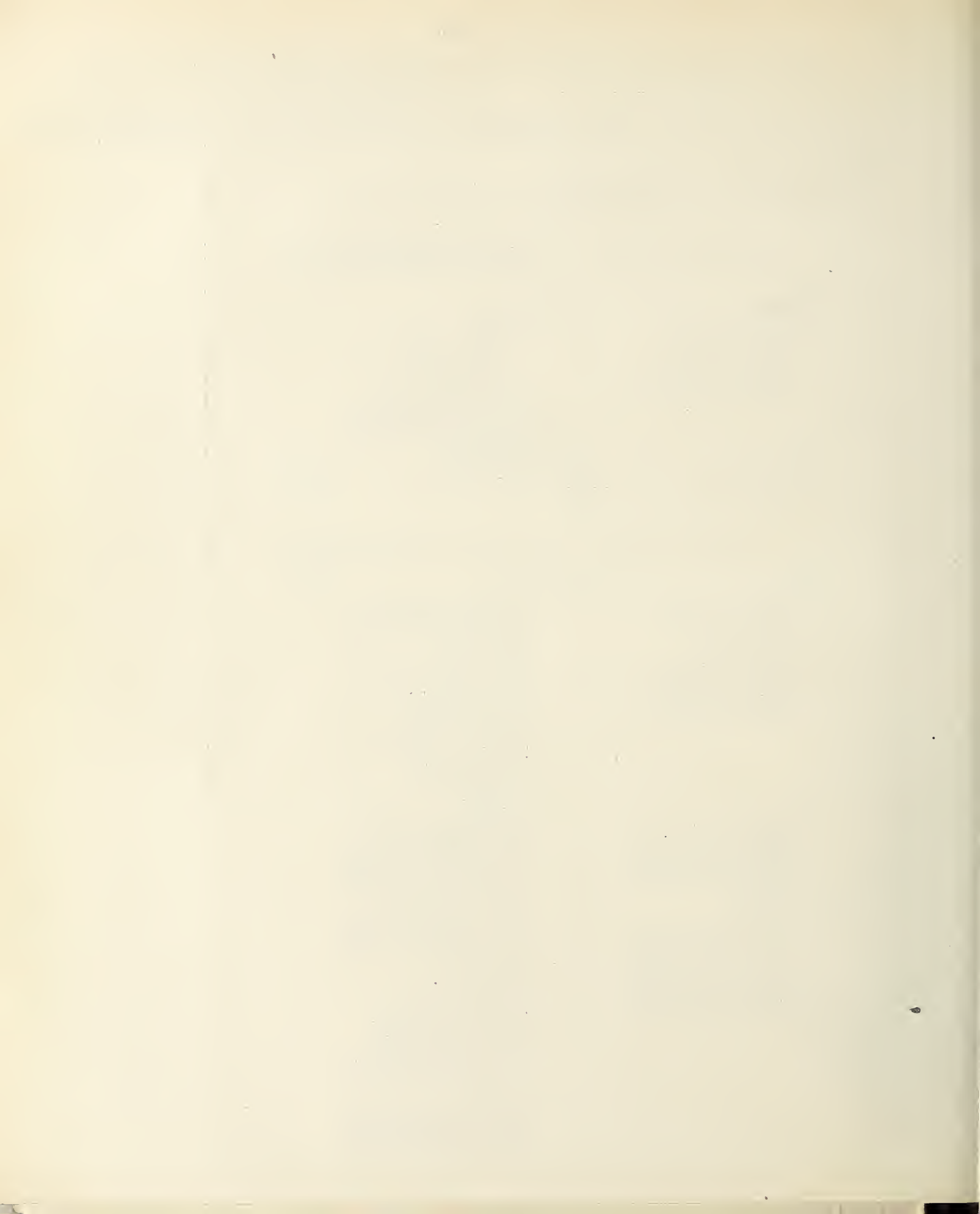
Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Grain standardization, 1916, \$72,920.	Grain standardization, 1914, \$65,000, and \$1,525 by transfer from other lump funds; total, \$66,525.		
<p>Out of Washington—Continued.</p> <p>1 aid in grain standardization, \$1,140.</p> <p>1 aid in grain standardization, \$1,080.</p> <p>1 aid in grain standardization, \$960.</p> <p>2 aids in seed testing, at \$720 each.</p> <p>1 laboratory helper, \$600.</p> <p>1 student assistant, \$25 per month.</p> <p>1 aid in grain standardization, \$1,400.</p>	<p>Out of Washington—Continued.</p> <p>1 assistant in grain standardization, \$1,400 (1 month).</p> <p>1 aid in grain standardization, \$1,140.</p> <p>2 aids in grain standardization, at \$1,020 each.</p> <p>1 aid in grain standardization, \$960.</p> <p>1 aid in grain standardization, \$900.</p> <p>1 aid in grain standardization, \$1,440 (6 months).</p> <p>4 aids in grain standardization, at \$1,200 each (6 months).</p> <p>3 aids in grain standardization, at \$1,020 each (6 months).</p> <p>1 aid in grain standardization, \$1,020 (7 months).</p> <p>1 clerk, \$1,200 (6 months).</p> <p>1 clerk, \$900 (1 month).</p> <p>1 clerk, \$840 (4 months).</p> <p>1 student assistant, \$25 per month (7 months).</p> <p>1 student assistant, \$20 per month (5 months).</p> <p>1 student assistant, \$15 per month (7 months).</p> <p>1 collaborator, \$10 per month (2 months).</p> <p>2 collaborators, at \$1 each per annum.</p> <p>1 student assistant, \$15 per month (3 months).</p>		
Traveling expenses..... \$10,000.00	Traveling expenses..... \$10,596.00		
Supplies and equipment..... 9,000.00	Supplies and equipment..... 6,077.00		
Miscellaneous expenses..... 3,000.00	Miscellaneous expenses..... 4,098.34		
Total estimate, 1916..... 72,920.00	Total expenditures, 1914..... 65,345.00		
Total appropriation, 1915..... 76,320.00			
Decrease (by transfer of 1 clerk or draftsman at \$1,200, 1 clerk at \$1,200, and 1 clerk at \$1,000 to the statutory roll)..... 3,400.00			
Biophysical investigations, 1916, \$25,000.	Biophysical investigations, 1914, \$20,000 (less \$367.40 by transfer to lump fund for Arlington Farm; net amount, \$19,632.60).		
Salaries..... \$14,219.25	Salaries..... \$11,516.58		
As follows:	As follows:		
In Washington—	In Washington—		
1 biophysicist, \$4,000.	1 biophysicist, \$4,000.		
1 assistant, \$2,280.	1 assistant, \$2,020.		
1 office and laboratory assistant, \$1,620.	1 office and laboratory assistant, \$1,620.		
1 laboratory assistant, \$1,920 (6½ months).	1 laboratory assistant, \$1,920 (6½ months).		
1 mechanical assistant in agricultural technology, \$1,080.	1 mechanical assistant in agricultural technology, \$1,080.		
1 laboratory aid, \$50 per month.	1 laboratory aid, \$50 per month (8 days).		
1 student assistant, \$25 per month (6 months).	1 student assistant, \$25 per month (6 months).		
1 unskilled laborer, \$1.75 per diem, when actually employed.	1 unskilled laborer, \$1.75 per diem, when actually employed.		
Out of Washington—	Out of Washington—		
1 assistant in plant malnutrition, \$2,400.	1 assistant in plant malnutrition, \$2,400 (2 months).		
2 laboratory aids, at \$600 each.	1 gardener, \$80 per month (2 months).		
1 gardener, \$960.	1 agent, \$70 per month (10 months).		
	1 laboratory aid, \$60 per month (1 month).		
	1 laboratory aid, \$50 per month (1 month).		
Traveling expenses..... 4,300.00	Traveling expenses..... 3,106.65		
Supplies and equipment..... 4,150.00	Supplies and equipment..... 3,742.70		
Miscellaneous expenses..... 2,330.75	Miscellaneous expenses..... 1,266.67		
Total estimate, 1916..... 25,000.00	Total expenditures, 1914..... 19,632.60		
Total appropriation, 1915..... 25,000.00			



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p>Seed testing laboratories, 1916, \$28,700.</p> <p>Salaries..... \$24,120.00 As follows: In Washington— 1 botanist in charge, \$3,000. 1 assistant botanist, \$2,160. 1 scientific assistant, \$1,860. 1 scientific assistant, \$1,620. 3 scientific assistants, at \$1,440 each. 3 scientific assistants, at \$1,200 each. 5 scientific assistants, at \$1,020 each. 1 scientific assistant, \$1,380. 1 scientific assistant, \$1,080.</p> <p>Traveling expenses..... 1,500.00 Supplies and equipment..... 1,500.00 Miscellaneous expenses..... 1,580.00</p> <p>Total estimates, 1916..... 28,700.00 Total appropriation, 1915..... 28,700.00</p>	<p>Seed testing laboratories, 1914, \$26,000, and \$375 by transfer from lump fund for sugar-plant investigations, less \$20.12 by transfer to lump fund for Arlington farm; net amount, \$26,354.88.</p> <p>Salaries..... \$19,371.92 As follows: In Washington— 1 botanist in charge, \$3,000. 2 botanists in seed collecting, 1 at \$85 per month, and 1 at \$50 per month. 1 assistant botanist, \$2,160. 1 scientific assistant, \$1,860. 1 scientific assistant, \$1,620. 2 scientific assistants, at \$1,380 each. 6 scientific assistants, at \$1,200 each. 2 scientific assistants, at \$1,020 each. 1 student assistant, \$300 (8½ months). 4 collaborators, at \$1 each per month. 55 collaborators, at \$0.50 per hour, when actually employed.</p> <p>Traveling expenses..... 2,165.88 Supplies and equipment..... 1,957.95 Miscellaneous expenses..... 2,504.25</p> <p>Total expenditures, 1914..... 26,000.00</p>	
<p>Cereal investigations, 1916, \$94,505.</p> <p>Salaries..... \$67,407.00 As follows: In Washington— 1 cerealist in charge, \$3,750. 2 agronomists, at \$3,000 each. 2 agronomists, at \$2,520 each. 1 agronomist, \$2,400. 1 pathologist, \$2,500. 1 assistant pathologist, \$1,800. 1 assistant agronomist, \$1,800. 2 scientific assistants, at \$1,620 each. 1 scientific assistant, \$1,500. 2 scientific assistants, at \$1,440 each. 1 scientific assistant, \$1,380.</p> <p>Out of Washington— 1 farm superintendent, \$2,040. 1 superintendent of cereal field station, \$2,000. 4 assistant agronomists, at \$1,800 each. 5 scientific assistants, at \$1,620 each. 5 scientific assistants, at \$1,440 each. 1 agent, \$1,440. 1 agent, \$1,250. 1 agent, \$600. 1 assistant, \$1,380. 7 collaborators, at \$300 each. 1 laborer, \$75 per month (6 months). 1 laborer, \$60 per month (3 months). 1 laborer, \$45 per month (6 months). 1 laborer, \$40 per month (2 months). 2 laborers, at \$2.50 per diem (6 months). 4 laborers, at \$1.50 per diem (6 months). 1 laborer, \$1.25 per diem (6 months). 4 collaborators, at \$1 each per month. 2 collaborators, at \$1 each per annum.</p>	<p>Cereal investigations, 1914, \$74,925, less \$1,350.96 by transfer to other lump funds; net amount, \$73,574.04.</p> <p>Salaries..... \$58,852.34 As follows: In Washington— 1 cerealist in charge, \$3,500 (10½ months). 1 agronomist, \$3,000 (6 months). 2 agronomists, at \$2,520 each (6 months). 1 agronomist, \$2,520. 2 agronomists, at \$2,400 each (6 months). 1 agronomist, \$2,400. 1 agronomist, \$1,980 (2½ months). 1 assistant agronomist, \$1,800. 1 assistant agronomist, \$1,800 (7 months). 1 pathologist, \$2,500. 1 assistant pathologist, \$1,800. 1 scientific assistant, \$1,440. 1 scientific assistant, \$1,380. 1 messenger, \$300 (8 months). 1 carpenter, \$3.50 per diem (35 days). 1 clerk, \$840. 1 clerk, \$840 (7 months). 1 clerk, \$900 (8 months). 1 clerk, \$900 (9½ days). 1 charwoman, \$20 per month (4½ months).</p> <p>Out of Washington— 2 assistant agronomists, at \$1,800 each. 1 farm superintendent, \$1,800. 1 plant physiologist, \$1,800 (3 months). 4 scientific assistants, at \$1,440 each. 1 scientific assistant, \$1,440 (6 months). 1 scientific assistant, \$1,440 (4 months). 1 scientific assistant, \$1,620 (6 months). 1 scientific assistant, \$1,620. 2 scientific assistants, at \$1,320 each. 1 scientific assistant, \$1,320 (6 months). 1 scientific assistant, \$1,200 (8 months). 1 scientific assistant, \$1,200 (6 months). 1 scientific assistant, \$600 (9 months). 1 scientific assistant, \$1,200 (3 months). 1 assistant, \$1,380. 1 agent, \$1,200. 1 agent, \$600. 1 special agent, \$1,000. 5 collaborators, at \$300 each. 1 collaborator, \$300 (10 months). 1 collaborator, \$300 (8 months). 1 collaborator, \$300 (3 months). 1 collaborator, \$300 (2 months). 1 collaborator, \$300 (1 month). 4 collaborators, at \$12 each per annum. 2 collaborators, at \$1 each per annum (3 and 10 months, respectively). 1 collaborator, \$12 per annum (2½ months). 1 teamster, \$70 per month (3 months). 1 laborer, \$65 per month (7 months). 1 laborer, \$60 per month (9½ months). 1 laborer, \$60 per month (1½ months). 1 laborer, \$60 per month (3 months).</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p>Cereal investigations, 1916, \$94,505.</p> <p>Out of Washington—Continued.</p> <p>Traveling expenses..... \$15,520.00 Supplies and equipment..... 3,850.00 Miscellaneous expenses..... 7,728.00</p> <p>Total estimate, 1916..... 94,505.00 Total appropriation, 1915..... 95,405.00</p> <p>Decrease (by transfer of 1 clerk at \$900 to the statutory roll)..... 900.00</p>	<p>Cereal investigations, 1914, \$74,925, less \$1,350.96 by transfer to other lump funds; net amount, \$73,574.04.</p> <p>Out of Washington—Continued.</p> <p>1 laborer, \$40 per month (3 months). 1 laborer, \$35 per month (3 months). 1 laborer, \$2.50 per diem (10 months). 1 laborer, \$1.50 per diem (7½ months). 1 laborer, \$1.50 per diem (6 months). 1 laborer, \$1.25 per diem (6 months). Labor at 7 field stations (temporary). Traveling expenses..... \$8,392.68 Supplies and equipment..... 2,502.31 Miscellaneous expenses..... 3,815.12</p> <p>Total expenditures, 1914..... 73,562.45</p>	
<p>Corn improvement, 1916, \$40,000.</p> <p>Salaries..... \$18,390.00 As follows: In Washington— 1 physiologist in charge, \$2,520. 2 physiologists, at \$2,100 each. 2 scientific assistants, at \$1,440 each. 1 assistant, \$1,440.</p> <p>Out of Washington— 1 physiologist, \$2,100. 3 superintendents of experiment fields, at \$1,440 each. 1 assistant, \$1,200 (6 months). 1 assistant, \$660 (6 months).</p> <p>Traveling expenses..... 10,000.00 Supplies and equipment..... 9,000.00 Miscellaneous expenses..... 2,610.00</p> <p>Total estimate, 1916..... 40,000.00 Total appropriation, 1915..... 40,000.00</p>	<p>Corn improvement, 1914, \$30,000, less \$261.50 by transfer to other lump funds; net amount, \$29,738.50.</p> <p>Salaries..... \$15,377.33 As follows: In Washington— 1 physiologist in charge, \$2,520. 1 physiologist, \$2,100. 1 assistant physiologist, \$2,100. 2 scientific assistants, at \$1,440 each. 1 scientific assistant, \$1,200 (5 months). 1 scientific assistant, \$1,200 (2½ months). 1 assistant, \$1,440. 1 charwoman, \$25 per month (2½ months).</p> <p>Out of Washington— 1 physiologist, \$2,100. 1 laborer, \$1.50 per day, when actually employed. 2 laborers, at \$3 each per day, when actually employed. 1 assistant, \$75 per month (5½ months). 1 assistant, \$50 per month (6 months). 1 assistant, \$50 per month (4 months). 1 agent, \$55 per month (4 months).</p> <p>Traveling expenses..... 8,717.32 Supplies and equipment..... 2,518.24 Miscellaneous expenses..... 1,723.42</p> <p>Total expenditures, 1914..... 28,336.31</p>	
<p>Tobacco investigations, 1916, \$27,000.</p> <p>Salaries..... \$19,570.00 As follows: In Washington— 1 physiologist in charge, \$2,760 (8 months). 1 assistant physiologist, \$1,500. 1 assistant in tobacco investigations, \$1,620. 1 unskilled laborer, \$720 (4 months).</p> <p>Out of Washington— 1 crop technologist, \$2,250. 1 crop technologist, \$1,620. 2 assistants in tobacco investigations, at \$1,620 each. 1 assistant in tobacco investigations, \$1,440. 2 assistants in tobacco investigations, at \$1,200 each. 2 assistants in tobacco investigations, at \$900 each. 3 collaborators, at \$300 each. 1 unskilled laborer, \$720.</p>	<p>Tobacco investigations, 1914, \$31,630, less \$899.89 by transfer to other lump funds; net amount, \$30,730.11.</p> <p>Salaries..... \$24,556.00 As follows: In Washington— 1 physiologist in charge, \$2,500 and \$2,760 (8 months). 2 assistants in tobacco investigations, at \$1,620 each. 1 assistant physiologist, \$1,500. 1 unskilled laborer, \$60 per month (2 months).</p> <p>Out of Washington— 1 crop technologist, \$2,250. 1 assistant in tobacco investigations, \$1,800 (10 months). 1 crop technologist, \$1,620. 1 expert, \$1,500. 1 assistant in tobacco investigations, \$1,500. 1 assistant in tobacco investigations, \$1,440. 2 assistants in tobacco investigations, \$1,200 each. 1 special agent, \$1,200 (11 months). 1 assistant in tobacco investigations, \$900. 1 unskilled laborer, \$720. 1 unskilled laborer, \$50 per month (6 months).</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p>Tobacco Investigations, 1916, \$27,000.</p> <p>Out of Washington—Continued.</p> <p>Traveling expenses..... \$4,630.00 Supplies and equipment..... 1,815.00 Miscellaneous expenses..... 985.00</p> <p>Total estimate, 1916..... 27,000.00 Total appropriation, 1915..... 25,000.00</p> <p>Increase..... 2,000.00</p>	<p>Tobacco Investigations, 1914, \$31,630, less \$899.89 by transfer to other lump funds; net amount, \$30,730.11.</p> <p>Out of Washington—Continued.</p> <p>1 unskilled laborer, \$40 per month (6 months). 1 unskilled laborer, \$40 per month (3 months). 1 unskilled laborer, \$420 per annum. 2 unskilled laborers, \$35 per month each (7 months). 1 unskilled laborer, \$25 per month (7 months). 4 collaborators, at \$300 each. 1 collaborator, \$1 per month (12 months). 1 collaborator, \$1 per month (1 month). 1 unskilled laborer, \$2 per diem when actually employed.</p> <p>Traveling expenses..... \$3,153.73 Supplies and equipment..... 2,312.97 Miscellaneous expenses..... 608.92</p> <p>Total expenditures, 1914..... 30,631.62</p>	
<p>Paper plant investigations, 1916, \$10,840.</p> <p>Salaries..... \$4,800.00 As follows: In Washington— 1 chemist, \$2,040. 2 assistants in paper plant investigations, at \$2,760 each.</p> <p>Traveling expenses..... 4,250.00 Supplies and equipment..... 1,250.00 Miscellaneous expenses..... 540.00</p> <p>Total estimate, 1916..... 10,840.00 Total appropriation, 1915..... 10,840.00</p>	<p>Paper plant investigations, 1914, \$10,840.</p> <p>Salaries..... \$4,522.66 As follows: In Washington— 1 assistant chemist, \$1,800. 1 assistant in paper plant investigations, \$1,380 (9½ months). 1 laboratory assistant, \$900 (10½ months). 1 messenger boy, \$360. 2 carpenters, at \$3.50 per diem each, when actually employed. 1 cabinetmaker, at \$4 per diem, when actually employed.</p> <p>Traveling expenses..... 4,386.78 Supplies and equipment..... 1,236.86 Miscellaneous expenses..... 583.44</p> <p>Total expenditures, 1914..... 10,729.74</p>	
<p>Alkali and drought resistant plants, 1916, \$22,280.</p> <p>Salaries..... \$15,545.00 As follows: In Washington— 1 physiologist in charge, \$3,000. 1 plant physiologist, \$2,760. 1 scientific assistant, \$1,440. 1 scientific assistant, \$1,380. 1 gardener, \$80 per month.</p> <p>Out of Washington— 1 physiologist, \$2,000. 1 assistant physiologist, \$100 per month (4 months). 3 assistants, at \$90 each per month (4 months). 1 assistant, \$2,250 (6 months). 1 unskilled laborer, \$60 per month (9 months). 1 unskilled laborer, \$60 per month (6 months). 2 unskilled laborers, at \$60 each per month (4 months).</p> <p>Traveling expenses..... 4,200.00 Supplies and equipment..... 1,950.00 Miscellaneous expenses..... 585.00</p> <p>Total estimate, 1916..... 22,280.00 Total appropriation, 1915..... 22,280.00</p>	<p>Alkali and drought resistant plants, 1914, \$19,280.</p> <p>Salaries..... \$13,156.83 As follows: In Washington— 1 physiologist in charge, \$3,000. 1 plant physiologist, \$2,760. 1 scientific assistant, \$1,380. 1 student assistant, \$25 per month (6 months). 1 student assistant, \$25 per month (3½ months).</p> <p>Out of Washington— 1 physiologist, \$1,620 and \$2,000. 1 assistant, \$1,800 and \$2,250. 1 assistant, \$90 and \$100 per month (3½ months). 1 assistant, \$75 and \$85 per month (3 months). 1 assistant, \$70 and \$85 per month (3½ months). 1 assistant, \$85 per month (1 month). 1 unskilled laborer, \$55 and \$60 per month (9 months). 2 unskilled laborers, at \$60 each per month (4 months). 1 unskilled laborer, \$55 per month (1 month).</p> <p>Traveling expenses..... 3,448.11 Supplies and equipment..... 1,905.64 Miscellaneous expenses..... 354.50</p> <p>Total expenditures, 1914..... 18,865.08</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Sugar beet investigations, 1916, \$41,495 (including table sirup investigations, \$10,000).	Sugar plant investigations, 1914, \$38,595, less \$1,081.25 by transfer to other lump funds; net amount, \$37,513.75.	
Salaries..... \$21,740.00	Salaries..... \$25,840.16	
As follows:	As follows:	
In Washington—	In Washington—	
1 pathologist in charge, \$3,240.	1 pathologist in charge, \$3,500 (1½ months).	
1 technologist in charge, \$2,500.	1 pathologist in charge, \$3,240 (5 months).	
1 assistant technologist, \$2,000.	1 pathologist, \$2,520.	
	1 technologist, \$2,500.	
	1 physiologist, \$2,400 (6 months).	
	1 pathologist, \$2,400 (3 months).	
	1 physiologist, \$2,280 (6 months).	
	1 pathologist, \$2,040 (4 months).	
	1 assistant chemist, \$2,090.	
	1 assistant pathologist, \$1,620.	
	1 scientific assistant, \$1,620 (2½ months).	
	1 assistant, \$1,560.	
	1 scientific assistant, \$1,440.	
	1 scientific assistant, \$1,440 (5 months).	
	1 clerk, \$75 per month (3 months).	
	1 clerk, \$75 per month (2 months).	
	1 clerk, \$75 per month (1 month).	
	1 student assistant, \$25 per month (7½ months).	
Out of Washington—	Out of Washington—	
2 assistants, at \$2,500 each.	1 pathologist, \$2,750.	
3 assistants, at \$2,000 each.	1 assistant agronomist, \$1,800.	
1 assistant, \$1,560.	1 collaborator, \$250 per month (1 month).	
120 collaborators, at \$12 each per annum.	1 assistant, \$150 per month (2 months).	
	1 assistant, \$125 per month (2½ months).	
	1 xylogonomist, \$100 per month (2½ months).	
	1 scientific assistant, \$1,000 (7 months).	
	1 scientific assistant, \$72.50 per month (1 month).	
	1 scientific assistant, \$25 per month (4 months).	
	1 unskilled laborer, \$60 per month (9 months).	
	1 laborer, \$25 per month (2 months).	
	2 collaborators, at \$1 each per annum.	
Traveling expenses..... 14,355.00	Traveling expenses..... 7,781.50	
Supplies and equipment..... 3,900.00	Supplies and equipment..... 3,203.89	
Miscellaneous expenses..... 1,500.00	Miscellaneous expenses..... 653.83	
Total estimate, 1916..... 41,495.00	Total expenditures, 1914..... 37,479.38	
Total appropriation, 1915..... 41,495.00		
<hr/>		
Economic and systematic botany, 1916, \$27,000.	Economic and systematic botany, 1914, \$22,000.	
Salaries..... \$21,240.00	Salaries..... \$18,615.50	
As follows:	As follows:	
In Washington—	In Washington—	
1 botanist in charge, \$4,000.	1 botanist in charge, \$3,750.	
1 systematic agrostologist, \$3,000.	1 systematic agrostologist, \$2,760.	
1 range botanist, \$2,500.	1 economic botanist, \$1,980 and \$2,520.	
1 economic botanist, \$2,520.	1 assistant botanist, \$1,800.	
1 assistant botanist, \$1,800.	1 assistant botanist, \$1,400.	
1 assistant botanist, \$1,400.	1 assistant, \$1,800.	
1 assistant, \$1,800.	1 assistant, \$100 per month (3 months).	
1 assistant, \$100 per month (3 months).	1 consulting botanist, \$1,200 (½ month), and \$1,800 (3½ months).	
1 consulting botanist, \$1,800 (4 months).	1 scientific assistant, \$1,700.	
1 scientific assistant, \$1,700.	1 scientific assistant, \$1,620.	
1 scientific assistant, \$1,620.		
Traveling expenses..... 2,500.00	Traveling expenses..... 1,529.11	
Supplies and equipment..... 1,900.00	Supplies and equipment..... 1,181.25	
Miscellaneous expenses..... 1,360.00	Miscellaneous expenses..... 336.69	
Total estimate, 1916..... 27,000.00	Total expenditures, 1914..... 21,662.55	
Total appropriation, 1915..... 24,000.00		
Increase..... 3,000.00		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Dry-land agriculture, 1916, \$160,000.		Dry-land agriculture, 1914, \$130,000, less \$1,161.17 by transfer to other lump funds; net amount, \$128,838.83.	
Salaries.....	\$78,280.00	Salaries.....	\$76,271.48
As follows:		As follows:	
In Washington—		In Washington—	
1 agriculturist in charge, \$3,750.		1 agriculturist in charge, \$3,750.	
Out of Washington—		Out of Washington—	
1 assistant in dry-land agriculture, \$2,760.		1 assistant in dry-land agriculture, \$2,760.	
1 assistant in dry-land agriculture, \$2,400.		1 assistant in dry-land agriculture, \$2,400.	
1 farm superintendent, \$2,500.		1 farm superintendent, \$2,500.	
5 farm superintendents, at \$2,040 each.		5 farm superintendents, at \$2,040 each.	
1 farm superintendent, \$2,000.		1 farm superintendent, \$1,800.	
2 farm superintendents, at \$1,800 each.		1 assistant in dry-land agriculture, \$1,680.	
1 assistant in dry-land agriculture, \$1,680.		5 assistants in dry-land agriculture, at \$1,620 each.	
5 assistants in dry-land agriculture, at \$1,620 each.		1 assistant in dry-land agriculture, \$1,560.	
1 assistant in dry-land agriculture, \$1,560.		5 assistants in dry-land agriculture, at \$1,440 each.	
5 assistants in dry-land agriculture, at \$1,440 each.		5 assistants in dry-land agriculture, at \$1,380 each.	
5 assistants in dry-land agriculture, at \$1,380 each.		1 scientific assistant, \$1,400.	
1 scientific assistant, \$1,400.		1 architect, \$1,500.	
1 architect, \$1,500.		4 foremen, at \$75 each per month.	
4 foremen, at \$75 each per month.		1 foreman, \$70 per month.	
1 foreman, \$70 per month.		1 foreman, \$65 per month.	
1 foreman, \$65 per month.		10 laborers, at \$60 each per month.	
10 laborers, at \$60 each per month.		1 laborer, \$55 per month.	
1 laborer, \$55 per month.		5 laborers, at \$50 each per month.	
5 laborers, at \$50 per month each.		1 caretaker, \$35 per month.	
5 laborers, at \$2 each per diem.		3 caretakers, at \$30 each per month.	
5 laborers, at \$1.50 each per diem.		1 caretaker, \$25 per month.	
1 caretaker, \$35 per month.		10 carpenters, at \$4 each per diem, when actually employed.	
3 caretakers, \$30 each per month.		3 painters, at \$4 each per diem, when actually employed.	
1 caretaker, \$25 per month.		3 plumbers, at \$5 each per diem, when actually employed.	
10 carpenters, at \$4 each per diem, when actually employed.		3 plasterers, at \$5 each per diem, when actually employed.	
3 painters, at \$4 each per diem, when actually employed.		3 bricklayers, at \$5 each per diem, when actually employed.	
3 plumbers, at \$5 each per diem, when actually employed.		3 plasterers, at \$5 each per diem, when actually employed.	
3 bricklayers, at \$5 each per diem, when actually employed.			
3 plasterers, at \$5 each per diem, when actually employed.			
Traveling expenses.....	12,000.00	Traveling expenses.....	10,644.59
Supplies and equipment.....	15,000.00	Supplies and equipment.....	9,802.59
Miscellaneous expenses.....	54,720.00	Miscellaneous expenses.....	16,496.50
		Construction work ¹	15,623.67
Total estimate, 1916.....	160,000.00	Total expenditures, 1914.....	128,838.83
Total appropriation, 1915.....	160,000.00		
		¹ The unit cost of this construction work is as follows:	
		For a new building at Akron, Colo., for use as an office and laboratory, as per contract with M. W. Lewis.....	1,891.90
		For new buildings at Woodward, Okla., as per contracts with Chas. Skemp—	
		Barn and implement shed.....	3,749.00
		Office and laboratory.....	2,012.00
		Superintendent's cottage.....	2,861.00
		For a new building at Dalhart, Tex., for use as a bunk house: constructed by day labor, as follows—	
		Material.....	600.00
		Labor.....	400.00
		For continuing work on building at Mandan, N. Dak., by day labor, as follows—	
		Material.....	1,500.00
		Labor.....	2,000.00
		For continuing work on building at Ardmore, S. Dak., by day labor, as follows—	
		Material.....	309.77
		Labor.....	300.00
		The buildings at Mandan, Dalhart, and Ardmore were constructed by day labor, as indicated above, the salaries ranging from 75 cents per day for water boy, to \$3.60 for plumbers, \$4 for carpenters, and \$4 for electricians and masons.	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

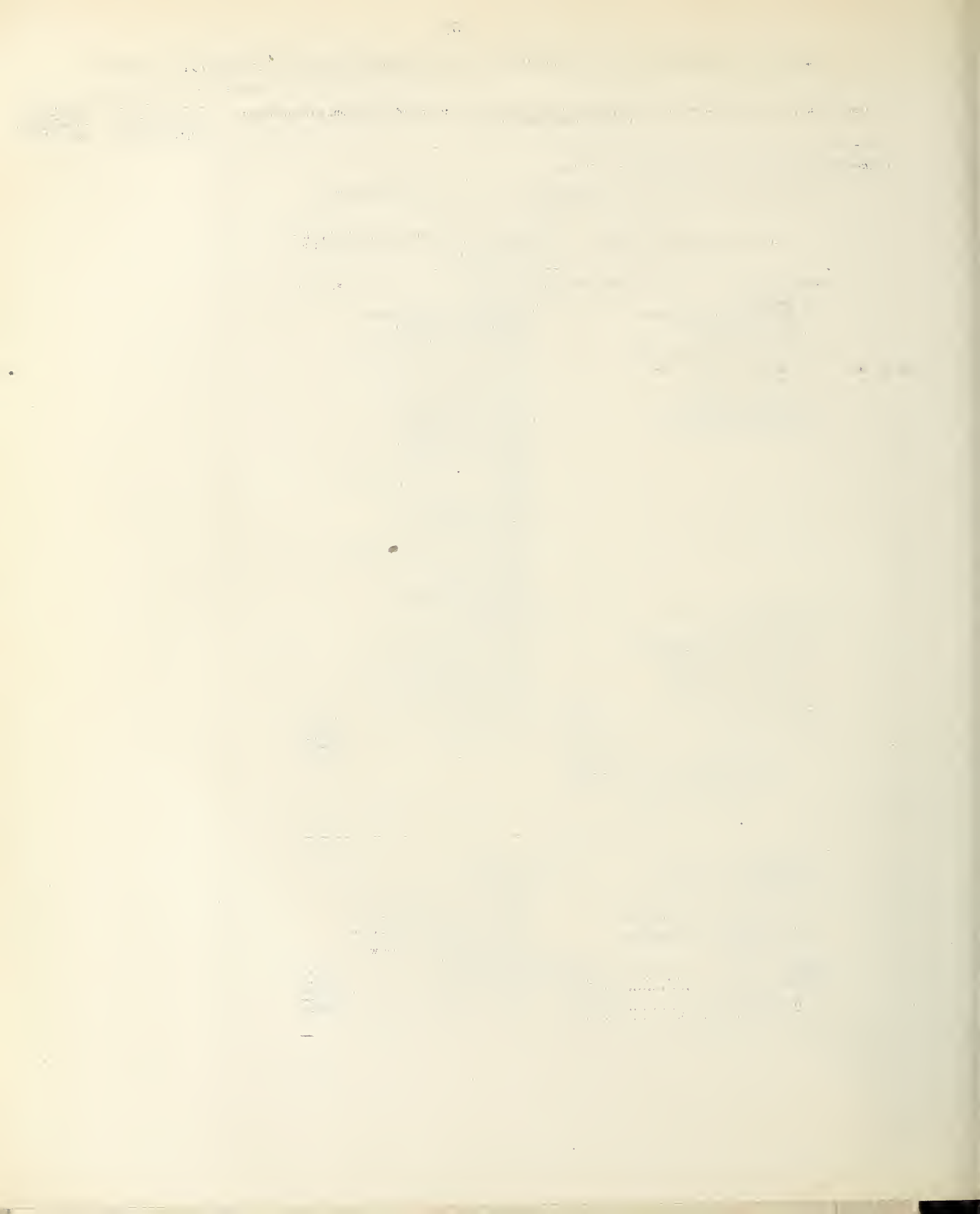
General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Plant Industry—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Western irrigation agriculture, 1916, \$72,880.</p> <p>Salaries..... \$44,180.00</p> <p> As follows:</p> <p>In Washington—</p> <p> 1 agriculturist in charge, \$3,240.</p> <p> 1 assistant, \$2,500.</p> <p> 1 assistant in crop acclimatization, \$2,500.</p> <p>Out of Washington—</p> <p> 1 assistant agriculturist, \$2,000.</p> <p> 3 farm superintendents, at \$2,000 each.</p> <p> 1 farm superintendent, \$1,800.</p> <p> 1 scientific assistant, \$1,800.</p> <p> 1 scientific assistant, \$1,200.</p> <p> 2 assistants in dry-land agriculture, at \$1,620 each.</p> <p> 1 assistant in dry-land agriculture, \$1,440.</p> <p> 1 assistant in dry-land agriculture, \$1,200.</p> <p> 1 assistant in arboriculture, \$1,200.</p> <p> 2 collaborators, at \$300 each.</p> <p> 1 collaborating clerk, \$300.</p> <p> 42 laborers, at \$60 each (8 months).</p> <p>Traveling expenses..... 9,500.00</p> <p>Supplies and equipment..... 5,590.00</p> <p>Miscellaneous expenses..... 13,610.00</p> <p> Total estimate, 1916..... 72,880.00</p> <p> Total appropriation, 1915..... 70,380.00</p> <p> Increase..... 2,500.00</p>	<p align="center">Western irrigation agriculture, 1914, \$75,000.</p> <p>Salaries..... \$46,005.22</p> <p> As follows:</p> <p>In Washington—</p> <p> 1 agriculturist in charge, \$3,240 (11½ months).</p> <p> 1 assistant, \$2,600</p> <p> 1 assistant in crop acclimatization, \$2,500.</p> <p> 1 assistant agriculturist, \$1,500 (2 months).</p> <p> 2 student assistants, at \$300 each (1 month).</p> <p> 1 clerk, \$1,000 (½ month).</p> <p> 1 messenger boy, \$300.</p> <p> 1 expert, \$4,000 (12 days).</p> <p>Out of Washington—</p> <p> 1 assistant agriculturist, \$1,800 and \$2,000.</p> <p> 3 farm superintendents, at \$1,800 and \$2,000 each.</p> <p> 1 farm superintendent, \$1,620.</p> <p> 1 scientific assistant, \$1,440 and \$1,620.</p> <p> 1 scientific assistant, \$1,200.</p> <p> 2 assistants in dry-land agriculture, at \$1,440 each.</p> <p> 2 assistants in dry-land agriculture, at \$1,200 each.</p> <p> 1 assistant in arboriculture, \$1,200.</p> <p> 2 collaborators, at \$300 each.</p> <p> 1 collaborating clerk, \$300.</p> <p> 1 clerk, \$900.</p> <p> 1 laborer, \$80 per month.</p> <p> 1 laborer, \$75 per month.</p> <p> 43 laborers, at \$60 per month each.</p> <p> 7 laborers, at \$55 per month each.</p> <p> 1 laborer, \$600 per annum.</p> <p> 2 laborers, at \$40 per month each.</p> <p> 2 laborers, at \$2.50 per day each, while actually employed.</p> <p> 90 laborers, at \$2.25 per day each, while actually employed.</p> <p> 4 laborers, at \$2 per day each, while actually employed.</p> <p> 2 laborers, at \$1.25 per day each, while actually employed.</p> <p> 1 caretaker and mess cook, \$35 per month.</p> <p> 1 caretaker and mess cook, \$30 per month.</p> <p> 3 caretakers and mess cooks, at \$25 per month each.</p> <p> 4 caretakers and mess cooks, at \$20 per month each.</p> <p> 3 caretakers and mess cooks, at \$15 per month each.</p> <p>Traveling expenses..... 6,704.28</p> <p>Supplies and equipment..... 8,120.97</p> <p>Miscellaneous expenses..... 14,163.31</p> <p> Total expenditures, 1914..... 74,993.78</p>	
<p align="center">Pomological investigations, 1916, \$105,060.</p> <p>Salaries..... \$63,000.00</p> <p> As follows:</p> <p>In Washington—</p> <p> 1 horticulturist and pomologist in charge, \$4,000 (6 months).</p> <p> 1 pomologist, \$3,240.</p> <p> 2 pomologists, at \$3,000 each.</p> <p> 1 pomologist, \$2,700.</p> <p> 1 pomologist, \$2,520.</p> <p> 1 pomologist, \$2,280.</p> <p> 1 assistant pomologist, \$2,400.</p> <p> 1 assistant pomologist, \$1,800.</p> <p> 1 expert in refrigeration, \$2,500.</p> <p> 1 assistant in refrigeration, \$1,440.</p> <p> 1 junior architectural draftsman, \$1,020.</p> <p> 1 assistant, \$1,500.</p> <p> 3 assistants, at \$1,440 each.</p> <p> 8 assistants, at \$1,200 each.</p> <p> 1 botanist, \$2,280.</p> <p> 1 assistant, \$1,440 (8 months).</p> <p> 1 assistant in illustrations, \$1,200.</p>	<p align="center">Pomological investigations, 1914, \$92,000, less \$3,092.43 by transfer to other lump funds; net amount, \$88,907.57.</p> <p>Salaries..... \$53,943.97</p> <p> As follows:</p> <p>In Washington—</p> <p> 1 horticulturist and pomologist in charge, \$4,000 (8 months).</p> <p> 1 pomologist, \$3,240.</p> <p> 1 pomologist, \$2,700.</p> <p> 3 pomologists, at \$2,520 each.</p> <p> 1 pomologist, \$2,400 (6 months).</p> <p> 1 pomologist, \$2,040.</p> <p> 1 pomologist, \$2,280 (6 months).</p> <p> 1 pomologist, \$2,000 (6 months).</p> <p> 1 expert in refrigeration, \$2,500 (11½ months).</p> <p> 1 assistant pomologist, \$2,040 (6 months).</p> <p> 1 assistant in refrigeration, \$1,380 (8½ months).</p> <p> 1 assistant, \$2,280 (6 months).</p> <p> 1 assistant, \$2,040 (1½ months).</p> <p> 1 assistant, \$1,800.</p> <p> 1 assistant, \$1,620.</p> <p> 1 assistant, \$1,500 (11½ months).</p> <p> 2 assistants, at \$1,440 each.</p> <p> 1 assistant, \$1,440 (3½ months).</p> <p> 1 assistant, \$1,440 (1½ months).</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Pomological investigations, 1916, \$105,060.	Pomological investigations, 1914, \$92,000, less \$3,092.43 by transfer to other lump funds, net amount \$89,907.57.	
Out of Washington— 1 physiologist, \$3,000. 1 assistant pomologist, \$2,040. 1 assistant pomologist, \$1,800. 1 viticultural superintendent, \$1,620. 1 assistant, \$1,350. 1 expert, \$900. 2 collaborators, at \$12 each per annum. 1 collaborator, \$1 per annum.	In Washington—Continued. 1 assistant, \$1,200. 2 assistants, at \$1,200 each (6 months). 1 assistant, \$1,080 (6 months). 1 assistant in illustrations \$1,200 (11 months). 1 assistant, \$1,800 (2½ months). 1 assistant, \$100 per month (2 months). 1 assistant, \$190 per month (3 months). 1 assistant, \$75 per month (3½ months). 1 typewriter operator, \$1,200 (8 months). 1 typewriter operator, \$900 (15 days). 1 typewriter operator, \$1,000 (1½ months). 1 typewriter operator, \$75 per month (4 months). 1 clerk, \$840 (6 months). 1 unskilled laborer, \$50 per month (2½ months). 1 charwoman, \$240. 1 charwoman, \$240 (2 months). 1 messenger boy, \$360 (3½ months). 1 messenger boy, \$300 (10 months).	
Traveling expenses..... \$24,866.00 Supplies and equipment..... 3,080.00 Miscellaneous expenses..... 14,114.00 Total estimate, 1916..... 105,060.00 Total appropriation, 1915..... 107,500.00	Out of Washington— 1 physiologist, \$3,000. 1 viticultural superintendent, \$1,620. 1 assistant, \$1,800 (9½ months). 1 assistant, \$1,350. 1 assistant, \$90 per month (4 months). 1 assistant, \$60 per month (3½ months). 1 assistant, \$1,440. 1 expert, \$900. 1 collaborator, \$15 per month. 1 collaborator, \$15 per month (2½ months). 1 collaborator, \$1 per annum. 1 collaborator, \$1 per month (10½ months). Traveling expenses..... \$26,451.02 Supplies and equipment..... 4,169.35 Miscellaneous expenses..... 5,166.05 Total expenditures, 1914..... 89,730.39	
Decrease (by transfer of 1 clerk, at \$1,200; 1 clerk, \$1,000; and 1 charwoman, \$240, to statutory roll).. 2,440.00	Experimental gardens and grounds, 1914, \$11,690, and \$1,150 by transfer from lump fund for pathological laboratory; total, \$12,840.	
Experimental gardens and grounds, 1916, \$11,690.	Salaries..... \$4,009.36 As follows: In Washington— 1 assistant in charge, \$2,400. 1 plant breeder and propagator, \$2,220 (4 months). 12 unskilled laborers, at \$1.75 each per diem. 1 outside gardener, \$2 per diem. 4 student assistants, at \$25 each per month. 2 student assistants, at \$25 each per month (3 months). 1 student assistant, \$25 per month (2 months). 2 unskilled laborers, at \$1.75 each per diem (5 days). 6 unskilled laborers, at \$1.75 each per diem (4 days). 1 unskilled laborer, \$1.75 per diem (1 month). Traveling expenses..... Supplies and equipment..... 1,194.36 Miscellaneous expenses..... 6,681.81 Construction work..... 860.00 Total expenditures, 1914..... 12,745.53	
Salaries..... \$6,912.50 As follows: In Washington— 1 assistant in charge, \$2,400. 1 plant breeder and propagator, \$2,220 (4 months). 2 unskilled laborers, at \$1.75 each per diem. 2 outside gardeners, at \$2 each per diem. 4 student assistants, at \$25 each per month. 3 student assistants, at \$25 each per month (3 months). Traveling expenses..... Supplies and equipment..... 3,000.00 Miscellaneous expenses..... 1,777.50 Total estimate, 1916..... 11,690.00 Total appropriation, 1915..... 11,690.00	¹ This construction work consisted of the rebuilding of the superstructures of a greenhouse, at a cost of \$860, as per contract with C. A. Barker.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Plant Industry—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Horticultural investigations, 1916, \$56,080.		Horticultural investigations, 1914, \$40,960, less \$4,898.88 by transfer to other appropriations; net amount, \$36,061.12.	
Salaries..... \$25,700.00		Salaries..... \$18,810.17	
As follows:		As follows:	
In Washington—		In Washington—	
1 horticulturist and pomologist in charge, \$4,000 (6 months).		1 horticulturist and pomologist in charge, \$4,000 (3½ months).	
1 horticulturist, \$3,000.		1 horticulturist, \$2,760 (5 months).	
1 horticulturist, \$2,280.		1 pomologist, \$2,520 (½ month).	
1 assistant horticulturist, \$1,740.		1 expert in refrigeration, \$2,500 (½ month).	
2 assistant horticulturists, at \$1,500 each.		1 assistant, \$2,280 (4 months).	
2 assistants, at \$1,620 each.		1 botanist, \$2,280.	
1 assistant, \$1,440 (4 months).		1 assistant horticulturist, \$2,040.	
1 laboratory aid, \$900.		1 assistant horticulturist, \$1,500.	
1 plant propagator, \$740.		1 assistant horticulturist, 1,740.	
3 unskilled laborers, at \$600 each.		1 assistant, \$1,800 (½ month).	
1 clerk, \$1,200 (4 months).		1 assistant, \$1,440 (½ month).	
		1 assistant, \$1,500 (½ month).	
		1 assistant, \$1,200 (5 months).	
		1 assistant in refrigeration, \$1,380 (½ month).	
		1 assistant in illustrations, \$1,200 (1 month).	
		1 plant propagator, \$740.	
		1 laboratory aid, \$900.	
		1 stenographer-typewriter, \$900.	
		1 clerk, \$840 (5½ months).	
		1 student assistant, \$25 per month (3½ months).	
		1 student assistant, \$25 per month (½ month).	
		1 messenger boy, \$360.	
		1 charwoman, \$240 (4 months).	
		1 charwoman, \$240 (7½ months).	
Out of Washington—		Out of Washington—	
1 assistant horticulturist, \$1,800.		1 horticulturist, \$1,800.	
1 assistant, \$1,440.		1 pathologist, \$1,680 (3 months).	
1 unskilled laborer, \$840.		1 assistant, \$1,500 (3 months).	
3 unskilled laborers, at \$2.50 each per diem, when actually employed.		1 garden and field superintendent, \$1,440 (3 months).	
1 collaborator, \$120 per annum.		1 unskilled laborer, \$840 (4 months).	
1 collaborator, \$96 per annum.		1 collaborator, \$120 (6 months).	
1 collaborator, \$60 per annum.		1 collaborator, \$25 per month (3 months).	
1 collaborator, \$30 per annum.		1 collaborator, \$96 per annum.	
1 landscape gardener, \$2,040.		1 collaborator, \$30 per annum.	
Traveling expenses..... 9,760.00		Traveling expenses..... 12,626.27	
Supplies and equipment..... 3,949.00		Supplies and equipment..... 2,796.63	
Miscellaneous expenses..... 16,671.00		Miscellaneous expenses..... 1,545.05	
Total estimate, 1916..... 56,080.00		Total expenditures, 1914..... 35,778.12	
Total appropriation, 1915..... 56,320.00			
Decrease (by transfer of 1 charwoman, \$240, to statutory roll).. 240.00			
Arlington farm, 1916, \$15,000.		Arlington farm, 1914, \$15,000.	
Salaries..... \$7,000.00		Salaries..... \$6,352.00	
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 assistant horticulturist, \$2,400.		1 assistant horticulturist, \$2,100 and \$2,400.	
1 assistant farm superintendent, \$1,680.		1 assistant farm superintendent, \$1,440 and \$1,680.	
1 orchardist, \$720.		1 laborer, \$50 per month (5 months).	
3 temporary laborers, at \$2 each per diem (8 months).		3 laborers, at \$2 each per diem, when actually employed.	
4 temporary laborers, at \$1.50 each per diem (7 months).		4 laborers, at \$1.50 each per diem, when actually employed.	
Traveling expenses..... 45.00		Traveling expenses..... 44.85	
Supplies and equipment..... 5,000.00		Supplies and equipment..... 5,000.00	
Miscellaneous expenses..... 2,955.00		Miscellaneous expenses..... 3,602.15	
Total estimate, 1916..... 15,000.00		Total expenditures, 1914..... 15,000.00	
Total appropriation, 1915..... 15,000.00			



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Foreign seed and plant introduction, 1916, \$75,400.	Foreign seed and plant introduction, 1914, \$83,000, and \$2,741.67 by transfer from other lump funds; total, \$85,741.67.	
Salaries..... \$33,327.00	Salaries..... \$50,730.00	
As follows:	As follows:	
In Washington—	In Washington—	
1 agricultural explorer in charge, \$4,000.	1 agricultural explorer in charge, \$3,240 (6 months) and \$4,000 (6 months).	
1 plant introducer, \$3,240.	1 plant introducer, \$3,240.	
1 plant introducer, \$2,520.	1 plant introducer, \$2,400.	
1 botanical assistant, \$2,220.	1 botanical assistant, \$2,220.	
1 botanical assistant, \$2,100.	1 botanical assistant, \$1,980.	
1 botanical assistant, \$1,800.	1 botanical assistant, \$1,800.	
1 arboretum assistant, \$1,800.	1 laboratory aid, \$900.	
1 laboratory aid, \$900.	1 unskilled laborer, \$720.	
2 student assistants, at \$300 each.	2 student assistants, at \$300 each.	
	1 messenger, \$360 (8½ months).	
	1 messenger, \$480 (5 months).	
	1 messenger, \$480 (6½ months).	
	1 student assistant, \$25 per month (4 months).	
	1 student assistant, \$25 per month (2½ months).	
	1 plant breeder and propagator, \$2,220 (4 months).	
	1 clerk-typewriter, \$840 (8½ months).	
	1 typewriter operator, \$840 (4½ months).	
	1 clerk, \$720 (3½ months).	
	5 temporary clerks, at \$75 each per month (11½ months).	
	1 typewriter operator, \$70 per month (1 month).	
	1 typewriter operator, \$60 per month (5 months).	
Out of Washington—	Out of Washington—	
1 agricultural explorer, \$2,500.	1 agricultural explorer, \$2,500.	
1 farm superintendent, \$2,040.	1 agricultural explorer, \$1,800.	
1 assistant farm superintendent, \$1,800.	1 assistant farm superintendent, \$1,800.	
1 agricultural explorer, \$1,800.	1 assistant farm superintendent, \$1,620.	
1 garden and field station superintendent, \$1,620.	1 assistant farm superintendent, \$1,200.	
1 plant propagator, \$1,620.	1 garden and field station superintendent, \$1,440.	
1 plant propagator, \$1,200.	1 garden and field station superintendent, \$1,440 (1 month).	
1 assistant farm superintendent, \$1,200.	1 plant propagator, \$1,620.	
1 collaborator, \$300.	1 plant propagator, \$1,200.	
1 collaborator, \$50.	1 scientific assistant, \$1,620.	
17 collaborators, at \$1 each per annum.	1 scientific assistant, \$1,500.	
	1 scientific assistant, \$60 per month (3½ months).	
	1 expert, \$4.04 per diem, when actually employed.	
	1 collaborator, \$300 (1 month).	
	1 collaborator, \$12 per annum.	
	1 collaborator, \$50.	
	9 collaborators, at \$1 each per annum.	
	1 collaborator, \$1 (9 months).	
	1 collaborator, \$1 (3 months).	
	1 collaborator, \$1 (2 months).	
	1 collaborator, \$1 (8 months).	
	1 dispatch agent, \$5 per month (2 months).	
	2 laborers, at \$900 each (7½ months).	
	4 laborers, at \$720 each (9 months).	
	6 laborers, at \$600 each (11½ months).	
	4 laborers, at \$2 each per diem, when actually employed.	
	1 laborer, \$45 per month.	
	4 laborers, at \$40 each per month (10½ months).	
	9 laborers, at \$1.50 each per diem, when actually employed.	
	1 laborer, 80 cents per diem, when actually employed.	
	Temporary labor, \$1,297.87.	

1. The first part of the document is a list of names and addresses, which are arranged in a columnar fashion. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list appears to be a directory or a roster of some kind.

2. The second part of the document is a list of names and addresses, which are arranged in a columnar fashion. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list appears to be a directory or a roster of some kind.

3. The third part of the document is a list of names and addresses, which are arranged in a columnar fashion. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list appears to be a directory or a roster of some kind.

4. The fourth part of the document is a list of names and addresses, which are arranged in a columnar fashion. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list appears to be a directory or a roster of some kind.

5. The fifth part of the document is a list of names and addresses, which are arranged in a columnar fashion. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list appears to be a directory or a roster of some kind.

6. The sixth part of the document is a list of names and addresses, which are arranged in a columnar fashion. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list appears to be a directory or a roster of some kind.

7. The seventh part of the document is a list of names and addresses, which are arranged in a columnar fashion. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list appears to be a directory or a roster of some kind.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p>Foreign seed and plant introduction, 1916, \$75,400.</p> <hr/> <p>Traveling expenses..... \$18,000.00 Supplies and equipment..... 22,000.00 Miscellaneous expenses..... 573.00 Construction work ¹..... 1,500.00</p> <hr/> <p>Total estimate, 1916..... 75,400.00 Total appropriation, 1915..... 74,600.00</p> <hr/> <p>Increase (but as 1 laboratory aid, \$900; 1 laborer, \$720; 1 laborer, \$600; 1 laborer, \$540; 2 laborers, at \$480 each, and 1 messenger boy, \$480, have been transferred to statutory roll, the actual increase is \$5,000)..... 800.00</p> <p>¹It is desired to erect a temporary greenhouse at Washington, D. C., in connection with the work of foreign seed and plant introduction. The unit cost is estimated as follows: Labor..... \$500.00 Lumber and material..... 1,000.00</p> <hr/> <p>Total..... 1,500.00</p>	<p>Foreign seed and plant introduction, 1914, \$83,000, and \$2,741.67 by transfer from other lump funds; total, \$85,741.67.</p> <hr/> <p>Traveling expenses..... \$13,877.17 Supplies and equipment..... 15,855.13 Miscellaneous expenses..... 941.51 Construction work ¹..... 1,500.00</p> <hr/> <p>Total expenditures, 1914..... 82,903.81</p> <hr/> <p>¹This construction work consisted of the erection of a cottage at the Plant Introduction Field Station, Brooksville, Fla., by day labor at a cost of \$1,500, as follows: Labor..... \$277.90 Lumber and material..... 1,222.10</p> <hr/> <p>Total..... 1,500.00</p>	
<p>New and rare seeds, 1916, \$119,920.</p> <hr/> <p>Salaries..... \$52,751.00 As follows: In Washington— 1 agrostologist, \$3,500. 1 agronomist, \$2,750. 1 agronomist, \$2,400. 2 agronomists, at \$2,000 each. 1 agriculturist, \$2,760. 1 agriculturist, \$2,280. 1 scientific assistant, \$1,620. 1 scientific assistant, \$1,440. 1 scientific assistant, \$900. 1 assistant, \$60 per month (3 months). 10 clerks, at \$75 each per month, when actually employed. 1 student assistant, \$300. Out of Washington— 2 agronomists, at \$2,400 each. 1 agronomist, \$2,000. 2 scientific assistants, at \$1,800 each. 2 scientific assistants, at \$1,620 each. 5 scientific assistants, at \$1,440 each. 1 scientific assistant, \$1,380. 2 unskilled laborers, at \$600 each. 1 fence rider, \$300. 1 agent, \$120. 1 collaborator, \$1 per annum.</p> <hr/> <p>Traveling expenses..... 11,800.00 Supplies and equipment..... 9,640.00 Miscellaneous expenses..... 45,729.00</p> <hr/> <p>Total estimate, 1916..... 119,920.00 Total appropriation, 1915..... 166,500.00</p> <hr/> <p>Decrease (but as 1 seed warehouseman, at \$1,000, 1 clerk, class 1, and 1 clerk, \$900, have been transferred to statutory roll, there is an actual decrease of \$43,480)..... 46,580.00</p>	<p>Forage crop investigations, 1914, \$25,000, and \$1,900 by transfer from administrative and miscellaneous expenses; total, \$26,900.</p> <hr/> <p>Salaries..... \$19,825.60 As follows: In Washington— 1 agrostologist, \$3,240. 1 agronomist, \$2,500 (1 month). 1 agronomist, \$2,460. 1 agronomist, \$2,400. 1 scientific assistant, \$1,710. 1 scientific assistant, \$1,800 (6 months). 1 scientific assistant, \$900 (7 months). Out of Washington— 3 scientific assistants, at \$1,440 each. 1 scientific assistant, \$1,200. 1 agent, \$100 per month (1 month). 2 agents, at \$70 each per month (1½ months). 1 agent, \$70 per month (3 months). 1 agent, \$100 per month (¾ month). 1 agent, \$100 per month (2½ months). 3 collaborators, at \$12 each per annum. 1 collaborator, 25 cents per hour. 2 collaborators, at \$1 each per annum. 1 collaborator, \$8 per month. 2 collaborators, at 50 cents each per hour. 1 student assistant, \$25 per month (4 months). 1 unskilled laborer, \$1.50 per diem, when actually employed. 1 unskilled laborer, \$1.75 per diem, when actually employed. 1 unskilled laborer, \$60 per month (2 months). 1 unskilled laborer, \$30 per month. 3 unskilled laborers, at \$2 each per diem, when actually employed.</p> <hr/> <p>Traveling expenses..... 3,479.55 Supplies and equipment..... 601.67 Miscellaneous expenses..... 574.86</p> <hr/> <p>Total expenditures, 1914..... 24,481.68</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Administrative and miscellaneous, 1916, \$32,490.	Administrative and miscellaneous, 1914, \$35,690, less \$2,852.50 by transfer to other lump funds; net amount, \$32,837.50.		
Salaries..... \$22,540. 00	Salaries..... \$23,936. 53		
As follows:	As follows:		
In Washington—	In Washington—		
1 assistant chief, \$4,000.	1 assistant chief, \$4,000.		
1 assistant, \$1,920.	1 assistant, \$1,920.		
1 assistant, \$1,620.	1 assistant, \$1,600.		
1 botanical assistant, \$1,600.	1 botanical assistant, \$1,600.		
1 botanical assistant, \$1,000.	1 botanical assistant, \$1,000 (temporary).		
2 scientific assistants, at \$1,800 each.	2 scientific assistants, at \$1,800 each.		
1 scientific assistant, \$1,440.	1 scientific assistant, \$1,200 (temporary).		
1 accounting and statistical assistant, \$1,500.	1 scientific assistant, \$60 per month (temporary).		
1 accounting and statistical assistant, \$1,200.	1 assistant, \$750 (temporary).		
4 assistants, \$100 each per month (temporary).	1 assistant, \$75 per month (temporary).		
4 stenographers and typewriters, at \$75 each per month (temporary).	4 student assistants, \$25 each per month (temporary).		
1 typewriter operator, \$75 per month (temporary).	1 clerk, \$1,600.		
3 painters or mechanics, at \$3.50 each per diem (temporary).	3 clerks, at \$1,000 each (temporary).		
1 collaborator, \$1 per annum.	1 clerk, \$840 (temporary).		
	2 clerks, at \$720 each (temporary).		
	1 stenographer and typewriter, \$1,200 (temporary).		
	3 stenographers and typewriters, at \$900 each (temporary).		
	1 stenographer and typewriter, \$840 (temporary).		
	1 typewriter operator, \$840 (temporary).		
	1 typewriter operator, \$75 per month (temporary).		
	1 aid, \$75 per month (temporary).		
	2 aids, at \$600 each (temporary).		
	9 student assistants, at \$25 each per month (temporary).		
	2 unskilled laborers, at \$720 each (temporary).		
	1 unskilled laborer, \$540 (temporary).		
	1 unskilled laborer, \$25 per month (temporary).		
	4 charwomen, at \$240 each (temporary).		
	3 messenger boys, at \$480 each (temporary).		
	1 messenger boy, \$360 (temporary).		
	1 painter, \$900 (temporary).		
	1 painter, \$840 (temporary).		
	5 painters, at \$3.50 each per diem (temporary).		
	1 collaborator, \$1 per annum.		
Traveling expenses..... 550. 00	Traveling expenses..... 501. 56		
Supplies and equipment..... 5,400. 00	Supplies and equipment..... 5,206. 30		
Miscellaneous expenses..... 4,000. 00	Miscellaneous expenses..... 2,897. 71		
Total estimate, 1916..... 32,490. 00	Total expenditures, 1914..... 32,542. 10		
Total appropriation, 1915..... 32,490. 00			

Purchase and Distribution of Valuable Seeds—

- (103) For purchase, propagation, testing, and congressional distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, **[\$257,000]** \$252,540. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Purchase and Distribution of Valuable Seeds—Continued.</i>		
<p>and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: <i>Provided, however</i> That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: <i>Provided, also</i>, That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the 10th day of January: <i>Provided, also</i>, That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining unallotted for on the 1st day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress and who have not before during the same season been supplied by the department: <i>And provided also</i>, That the Secretary shall report, as provided in this act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants (<i>act June 30, 1914, vol. 38, pp. 423-424, sec. 1</i>)</p>	\$252, 540. 00	\$257,000.00
Appropriations for 1906..... \$242, 920 Appropriations for 1907..... 242, 920 Appropriations for 1908..... 238, 000 Public Resolution No. 2..... 50, 000 Appropriations for 1909..... 238, 000 Appropriations for 1910..... 317, 960 Appropriations for 1911..... 309, 590 Appropriations for 1912..... 289, 650 Appropriations for 1913..... 285, 680 Appropriations for 1914..... 296, 000 Appropriations for 1915..... 257, 000	Estimates for 1907..... \$252, 920 Estimates for 1908..... 238, 600 Estimates for 1909..... 249, 000 Estimates for 1910..... 243, 680 Estimates for 1911..... 309, 590 Estimates for 1912..... 301, 680 Estimates for 1913..... 285, 680 Estimates for 1914..... 263, 900 Estimates for 1915..... 252, 540	

NOTE.—There is an apparent decrease in the above item of \$4,460, but as one clerk, at \$1,200; one seed warehouseman, at \$1,400; one seed warehouseman, at \$1,020; and one seed warehouseman, at \$840, have been transferred to the statutory roll, there is no change in the item.



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Purchase and Distribution of Valuable Seeds—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Purchase and distribution of valuable seeds, 1916, \$252,540.	Purchase and distribution of valuable seeds, 1914, \$296,000.		
Salaries..... \$16,612.00	Salaries..... \$27,503.16		
As follows:	As follows:		
In Washington—	In Washington—		
1 agronomist in charge, \$2,750.	1 agronomist in charge, \$2,750.		
1 superintendent testing gardens, \$3,000.	1 superintendent testing gardens, \$3,000.		
1 assistant superintendent testing gardens, \$2,760.	1 assistant superintendent testing gardens, \$2,760.		
1 horticulturist, \$2,460.	1 agronomist, \$2,500 (3 months).		
1 skilled laborer, \$960.	1 horticulturist, \$2,230.		
6 student assistants, at \$300 each.	1 clerk, \$1,800 ($\frac{1}{2}$ month).		
2 collaborators, at \$1 each per annum.	1 seed warehouseman, \$1,440.		
	1 seed warehouseman, \$1,020.		
	1 stenographer, \$1,000 (4 months).		
	1 skilled laborer, \$960.		
	5 clerks, at \$75 per month each (when actually employed).		
	1 seed warehouseman, \$840.		
	2 skilled laborers, at \$720 each.		
	3 skilled laborers, at \$600 each.		
	1 unskilled laborer, at \$1.50 per day (when actually employed).		
	3 student assistants, at \$300 each.		
	1 collaborator, \$12 per annum.		
	1 collaborator, \$1 per annum.		
Out of Washington—	Out of Washington—		
1 plant propagator, \$1,080.	1 assistant in cotton breeding, \$1,380.		
3 unskilled laborers, at \$600 each.	1 scientific assistant, \$1,380.		
	1 plant propagator, \$1,080.		
	1 skilled laborer, \$875 ($\frac{1}{2}$ month).		
	1 skilled laborer, \$720 (2 months).		
	3 unskilled laborers, at \$600 each.		
Traveling expenses..... 2,000.00	Traveling expenses..... 2,712.29		
Supplies and equipment..... 7,500.00	Supplies and equipment..... 8,670.67		
Miscellaneous expenses (including \$210,000 for seed)..... 226,428.00	Miscellaneous expenses (including \$230,968.19 for seed)..... 255,581.48		
Total estimate, 1916..... 252,540.00	Total expenditures, 1914..... 294,467.60		
Total appropriation, 1915..... 257,000.00			
Decrease (but as 1 clerk, at \$1,200, 1 seed warehouseman, at \$1,400, 1 seed warehouseman, at \$1,020, and 1 seed warehouseman, at \$840, have been transferred to the statutory roll, there is no change in this item)..... 4,460.00			
Total for Bureau of Plant Industry (decrease of \$1,360,800)		\$2,255,245.00	\$3,616,045.00
FOREST SERVICE.			
<i>Salaries, Forest Service—</i>			
(1) One forester, who shall be chief of bureau (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; June 30, 1914, vol. 38, pp. 424-425, sec. 1</i>). \$5,000.00			
【One administrative assistant, \$2,000.】			
NOTE.—The position of administrative assistant at \$2,000 is omitted and in lieu thereof one additional clerk at \$2,000 is provided. This change is made in order to secure latitude in filling the position should it become vacant. The man now performing these duties with a high grade of efficiency has been engaged upon them for the past ten years and his services are worth more than the salary provided. However, should he for any reason leave the service it would be necessary to fill the position by a person who might not for several years reach the same degree of efficiency and might not therefore be entitled to even the \$2,000 now provided for this position.			
(2) One chief of office of accounts and fiscal agent (<i>same acts</i>)..... 2,500.00			
(3) Seven district fiscal agents, at \$2,000 each (<i>same acts</i>)..... 14,000.00			
(4) One forest supervisor (<i>same acts</i>)..... 2,700.00			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Forest Service—Continued.</i>		
(5) One forest supervisor (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; June 30, 1914, vol. 38, pp. 424-425, sec. 1</i>)	\$2,600.00	.
(6) Eight forest supervisors, at \$2,400 each (<i>same acts</i>)	19,200.00	
(7) Twenty forest supervisors, at \$2,200 each (<i>same acts</i>)	44,000.00	
(8) Forty-eight forest supervisors, at \$2,000 each (<i>same acts</i>)	96,000.00	
(9) Sixty-six forest supervisors, at \$1,800 each (<i>same acts</i>)	118,800.00	
(10) Five forest supervisors, at \$1,600 each (<i>same acts</i>)	8,000.00	
(11) One deputy forest supervisor (<i>same acts</i>)	1,800.00	
(12) Four deputy forest supervisors, at \$1,700 each (<i>same acts</i>)	6,800.00	
(13) Twenty-eight deputy forest supervisors, at \$1,600 each (increase of 1 by transfer from lump fund) (<i>same acts</i>)	44,800.00	
NOTE.—Provision is made for an additional deputy supervisor's place at \$1,600. This is by transfer from the miscellaneous roll. This position became necessary in the administration of the Boise National Forest and has been furnished out of the general expense appropriation for that forest. A corresponding decrease in that subappropriation has been made.		
(14) Thirty-one deputy forest supervisors, at \$1,500 each (<i>same acts</i>) ..	46,500.00	
(15) Eighteen deputy forest supervisors, at \$1,400 each (<i>same acts</i>) ...	25,200.00	
(16) Ten forest rangers, at \$1,500 each (increase of 3 by transfer from lump fund) (<i>same acts</i>)	15,000.00	
NOTE.—This provides for an increase of 3 forest rangers at \$1,500 by transfer from the miscellaneous roll. One of these places is on the Pecos National Forest in New Mexico and 2 are on the Tongass National Forest in Alaska. The general expense appropriations for these forests have been correspondingly reduced.		
(17) Twenty-two forest rangers, at \$1,400 each (increase of 1 in lieu of 1 game warden at same salary as below) (<i>same acts</i>)	30,800.00	
NOTE.—This provides for an increase of one forest ranger at \$1,400 in lieu of one game warden at the same salary, which is omitted.		
(18) Seventy-eight forest rangers, at \$1,300 each (<i>same acts</i>)	101,400.00	
(19) Two hundred and eighty-seven forest rangers, at \$1,200 each (increase of 1 in lieu of 1 game warden at same salary as below) (<i>same acts</i>)	344,400.00	
NOTE.—This provides for an increase of one forest ranger at \$1,200 in lieu of one game warden at the same salary, which is omitted.		
(20) Six hundred and fifty assistant forest rangers, at \$1,100 each (<i>same acts</i>)	715,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Forest Service - Continued.</i>		
(21) Eighty forest guards (in lieu of 80 assistant forest rangers), at \$1,100 each, for periods not exceeding six months in the aggregate (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; June 30, 1914, vol. 38, pp. 424-425, sec. 1</i>)	\$44, 000. 00	
NOTE.—The designation "forest guards" is substituted for the designation "assistant forest rangers" hitherto used to designate the 80 six-months places provided in the present appropriation. The change is made to accommodate these positions to the rules of the Civil Service Commission, the designation of forest ranger being reserved for employees in the permanent force on the National Forests, whereas the employment of men for periods not exceeding six months is temporary in character and such men are not necessarily drawn from the civil-service register. The only effect of this change is to avoid the difficulties experienced this year in filling these positions on short notice during the fire season.		
[One property auditor, \$1,800.]		
NOTE.—The position of property auditor, at \$1,800, is omitted and in lieu thereof 1 additional clerk, at \$1,800 is provided. This change is made in order to secure latitude in filling the position should it become vacant. The man now performing these duties has served a number of years and is highly efficient. However, should he for any reason leave the service it would be necessary to fill the position by a person who might not for several years reach the same degree of efficiency and might not therefore be entitled to even the \$1,800 provided for this position.		
(22) One clerk (<i>same acts</i>)	2, 100. 00	
(23) Four clerks, at \$2,000 each (increase of 1 in lieu of 1 administrative assistant, at \$2,000 as above) (<i>same acts</i>)	8, 000. 00	
NOTE.—One additional clerk, at \$2,000, is provided in lieu of 1 administrative assistant at same salary as above.		
(24) Nineteen clerks, at \$1,800 each (increase of 1 in lieu of 1 property auditor, at \$1,800 as above, an increase of 5 in lieu of 10 clerks, at \$900 each as below, making net increase of 6) (<i>same acts</i>) ..	34, 200. 00	
NOTE.—One of the 6 additional places is merely a change in designation from property auditor to clerk and involves no promotion. The other 5 changes represent a part of a readjustment of clerical salaries needed to meet the urgent requirements of the organization, and one which will not result in any net increase in the appropriation. The increase of 5 clerks at \$1,800 adds \$9,000 to this item; it is exactly balanced by a decrease of 10 clerks at \$900 in an item below. The whole readjustment will result in a reduction of 5 in the whole list of clerks. The readjustment will thus enable the Forest Service to carry on the work with a smaller force because it can secure and hold high-grade men of experience and proved efficiency. Without the ability to hold such men there is less efficiency and the larger number of clerks is needed.		
(25) Twenty clerks, at \$1,600 each (decrease of 6 by change to 8 clerks, at \$1,200 each as below) (<i>same acts</i>)	32, 000. 00	
NOTE.—The change here indicated is a part of the readjustment of salaries mentioned in the preceding note. Six places at \$1,600 will be omitted. The change results in a reduction in this item of \$9,600. This is balanced by an increase of \$9,600 through the readjustment in the \$1,200 clerical grade.		
(26) Nine clerks, at \$1,500 each (<i>same acts</i>)	13, 500. 00	
(27) Twenty-one clerks, at \$1,400 each (increase of 3 by transfer from lump fund) (<i>same acts</i>)	29, 400. 00	
NOTE.—This provides 3 additional clerkships at \$1,400 by transfer from the miscellaneous roll. These clerks are now employed on the Blackfeet and Chugach National Forests and in the district office at Ogden. The general expense appropriations from which these salaries have been paid have been proportionately decreased.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Forest Service—Continued.</i>		
(28) Eight clerks, at \$1,300 each (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; June 30, 1914, vol. 38, pp. 424-425, sec. 1</i>)	\$10, 400. 00	
(29) One hundred and twelve clerks, at \$1,200 each (increase of 7 by transfer from lump fund, and increase of 8 in lieu of 6 clerks, at \$1,600 each as above, making net increase of 15) (<i>same acts</i>)	134, 400. 00	
NOTE.—This provides for 112 clerks at \$1,200 in lieu of 97 clerks at the same salary. Seven of the additional positions thus provided are by transfer from the miscellaneous roll. These clerks are now employed at this salary on the Jefferson, Black Hills, White River, Nevada, Toiyabe, Salmon, and Shasta National Forests, respectively, and the general expense appropriations from which these salaries have been paid have been proportionately reduced. The further increase of 8 clerks is a part of the readjustment of clerical salaries mentioned under the item of \$1,800 and \$1,600 clerks above. There is an apparent increase of \$9,600. It is balanced by the decrease in the \$1,600 clerical grade, and hence involves no increase in appropriation.		
(30) Eighty-eight clerks, at \$1,100 each (increase of 10 by transfer from lump fund, and increase of 9 in lieu of 11 clerks, at \$900 each as below, making net increase of 19) (<i>same acts</i>)	96, 800. 00	
NOTE.—Eighty-eight clerks at \$1,100 are provided in lieu of 69 at the same salary. Ten of the additional positions thus provided are by transfer from the miscellaneous roll. These clerks are now employed on the Absaroka, Beaverhead, Cabinet, Custer, Jefferson, Kootenai, Nezperce, Ashley, Lemhi and Wyoming National Forests, respectively, and the general expense appropriations from which these salaries have been paid have been proportionately reduced. The further increase of 9 clerks at \$1,100 is a part of the plan of readjustment of clerical salaries already mentioned in the preceding notes. It involves an increase of \$9,900. This amount is balanced by a reduction in the \$900 clerical grade of 11 clerks at \$900, hence no increase of appropriation is involved.		
(31) Fifty-one clerks, at \$1,020 each (<i>same acts</i>)	52, 020. 00	
(32) Thirty clerks, at \$960 each (<i>same acts</i>)	28, 800. 00	
(33) One hundred and seven clerks, at \$900 each (decrease of 10 by change to 5 clerks, at \$1,800 each as above, and decrease of 11 by change to 9 clerks at \$1,100 each as above, making net decrease of 21) (<i>same acts</i>)	96, 300. 00	
NOTE.—One hundred and seven clerks at \$900 are substituted for 128 clerks at the same salary. This reduction of 21 clerks is a part of the readjustment of clerical salaries already mentioned in the preceding notes. There is a reduction in the item of \$18,900. This is balanced by an increase of 9 clerks at \$1,100 and 5 clerks at \$1,800. The net result of the readjustment is to increase the average clerical salaries by largely reducing the number of \$900 places and dropping 5 places entirely. Heretofore there has been a disproportionately larger number of very low-salaried clerks, and in consequence it has not been possible to secure and retain clerks of the requisite training and experience.		
(34) Two clerks, at \$840 each (<i>same acts</i>)	1, 680. 00	
【One game warden, \$1,400.】		
【One game warden, \$1,200.】		
NOTE.—One game warden, \$1,400, and one game warden, \$1,200, have been omitted. Changed to forest rangers at the same salaries as above.		
(35) One compiler (<i>same acts</i>)	1, 800. 00	

Ett maiet of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Forest Service—Continued.</i>		
(36) One draftsman (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; June 30, 1914, vol. 38, pp. 424-425, sec. 1</i>)	\$2, 000. 00	
(37) Three draftsmen, at \$1,600 each (<i>same acts</i>)	4, 800. 00	
(38) Two draftsmen, at \$1,500 each (<i>same acts</i>)	3, 000. 00	
(39) Six draftsmen, at \$1,400 each (<i>same acts</i>)	8, 400. 00	
(40) Four draftsmen, at \$1,300 each (<i>same acts</i>)	5, 200. 00	
(41) Nine draftsmen, at \$1,200 each (increase of 1 by transfer from lump fund) (<i>same acts</i>)	10, 800. 00	
NOTE.—This provides for one additional draftsman at \$1,200 by transfer from the miscellaneous roll. This draftsman has been employed in the district office at Denver, and a proportionate reduction has been made in the estimate for that district.		
(42) Two draftsmen, at \$1,100 each (<i>same acts</i>)	2, 200. 00	
(43) Three draftsmen, at \$1,020 each (<i>same acts</i>)	3, 060. 00	
(44) One draftsman (<i>same acts</i>)	960. 00	
(45) Four draftsmen, at \$900 each (<i>same acts</i>)	3, 600. 00	
(46) One artist (<i>same acts</i>)	1, 400. 00	
(47) One artist (<i>same acts</i>)	1, 000. 00	
(48) Three map colorists, at \$900 each (<i>same acts</i>)	2, 700. 00	
(49) One map colorist (<i>same acts</i>)	720. 00	
(50) One photographer (<i>same acts</i>)	1, 600. 00	
(51) One photographer (<i>same acts</i>)	1, 400. 00	
(52) One photographer (<i>same acts</i>)	1, 200. 00	
(53) One photographer (<i>same acts</i>)	1, 100. 00	
(54) One lithographer (<i>same acts</i>)	1, 200. 00	
(55) On lithographer's helper (<i>same acts</i>)	780. 00	
(56) One machinist (<i>same acts</i>)	1, 260. 00	
(57) One carpenter (<i>same acts</i>)	1, 200. 00	
(58) Two carpenters, at \$1,000 each (<i>same acts</i>)	2, 000. 00	
(59) One carpenter (<i>same acts</i>)	960. 00	
(60) One electrician (<i>same acts</i>)	1, 020. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Forest Service—Continued.</i>		
(61) Four laboratory aids and engineers, at \$900 each (increase of 3 in lieu of 3 laboratory assistants at same salary as below) (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; June 30, 1914, vol. 38, pp. 424-425, sec. 1</i>) -----	\$3,600.00	
【Three laboratory assistants, at \$900 each, \$2,700.】		
NOTE.—The title of laboratory assistant is changed to laboratory aid and engineer. The change is made to meet the requirements of the Civil Service Commission. There is no change in salaries or number of employees.		
(62) One laboratory aid and engineer (in lieu of 1 laboratory assistant at same salary as below) (<i>same acts</i>) -----	800.00	
【One laboratory assistant, \$800.】		
NOTE.—This is a change of designation to laboratory aid and engineer. There is no change in salary involved.		
(63) One laboratory helper (<i>same acts</i>) -----	720.00	
(64) One laboratory helper (<i>same acts</i>) -----	600.00	
(65) One packer (<i>same acts</i>) -----	1,000.00	
(66) One packer (<i>same acts</i>) -----	780.00	
(67) Four watchmen, at \$840 each (<i>same acts</i>) -----	3,360.00	
(68) One messenger or laborer (<i>same acts</i>) -----	960.00	
(69) Three messengers or laborers, at \$900 each (<i>same acts</i>) -----	2,700.00	
(70) Four messengers or laborers, at \$840 each (<i>same acts</i>) -----	3,360.00	
(71) Three messengers or laborers, at \$780 each (<i>same acts</i>) -----	2,340.00	
(72) Four messengers or laborers, at \$720 each (<i>same acts</i>) -----	2,880.00	
(73) Six messengers or laborers, at \$660 each (<i>same acts</i>) -----	3,960.00	
(74) Five messengers, messenger boys, or laborers, at \$600 each (<i>same acts</i>) -----	3,000.00	
(75) Two messengers, messenger boys, or laborers, at \$540 each (<i>same acts</i>) -----	1,080.00	
(76) Three messengers, or messenger boys, at \$480 each (<i>same acts</i>) -----	1,440.00	
(77) Three messengers, or messenger boys, at \$420 each (<i>same acts</i>) -----	1,260.00	
(78) Twelve messengers, or messenger boys, at \$360 each (<i>same acts</i>) ..	4,320.00	
【One apprentice boy, \$480.】		
NOTE.—One apprentice boy, at \$480, is omitted since it has been found that the work required can not be performed by an apprentice boy and will have to be done by a redistribution of the work among the other employees on the rolls.		
(79) One charwoman (<i>same acts</i>) -----	540.00	

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Forest Service—Continued.</i>		
(80) One charwoman (<i>acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; June 30, 1914, vol. 38, pp. 424-425, sec. 1</i>)	\$480.00	
(81) One charwoman (<i>same acts</i>)	300.00	
(82) Eleven charwomen, at \$240 each (<i>same acts</i>)	2,640.00	
	\$2,335,580.00	\$2,305,160.00

Appropriations for 1906.....	\$81,960	Estimates for 1907.....	\$81,960
Appropriations for 1907.....	112,860	Estimates for 1908.....	131,460
Appropriations for 1908.....	143,200	Estimates for 1909.....	144,300
Appropriations for 1909.....	144,300	Estimates for 1910.....	60,200
Appropriations for 1910.....	60,200	Estimates for 1911.....	60,200
Appropriations for 1911.....	60,200	Estimates for 1912.....	2,318,680
Appropriations for 1912.....	2,318,680	Estimates for 1913.....	2,290,610
Appropriations for 1913.....	2,235,760	Estimates for 1914.....	2,242,810
Appropriations for 1914.....	2,239,560	Estimates for 1915.....	2,305,160
Appropriations for 1915.....	2,305,160	Estimates for 1916.....	2,335,580

NOTE.—Apparent increase, \$30,420; actual decrease, \$480, as follows:

Transfers from lump funds of this service, which funds have been correspondingly reduced.

1 deputy forest supervisor.....	\$1,600	
3 forest rangers, at \$1,500 each.....	4,500	
3 clerks, at \$1,400 each.....	4,200	
7 clerks, at \$1,200 each.....	8,400	
10 clerks, at \$1,100 each.....	11,000	
1 draftsman.....	1,200	
		\$30,900
<i>Place dropped.</i>		
1 apprentice.....	480	
Actual decrease.....		480
Apparent increase.....		30,420

Change of title.

1 administrative assistant, \$2,000, changed to clerk at \$2,000.
 1 game warden at \$1,400 changed to forest ranger at \$1,400.
 1 game warden at \$1,200 changed to forest ranger at \$1,200.
 80 assistant forest rangers at \$1,100 each changed to 80 forest guards at \$1,100 each.
 1 property auditor at \$1,800 changed to clerk at \$1,800.
 10 clerks at \$900 each changed to 5 clerks at \$1,800 each.
 6 clerks at \$1,600 each changed to 8 clerks at \$1,200 each.
 11 clerks at \$900 each changed to 9 clerks at \$1,100 each.
 3 laboratory assistants at \$900 each changed to 3 laboratory aids and engineers at \$900 each.
 1 laboratory assistant at \$800 changed to laboratory aid and engineer at \$800.

General Expenses, Forest Service—

- (83) To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed \$650 ☐: *And provided further*, That hereafter no part of the appropriation made by this Act shall be used for the construction, repair, maintenance, or use of buildings or improvements made for forest ranger stations within the inclosed fields of bona fide homestead settlers who have established residence upon their homestead lands prior to the date of the establishment of the forest reservation in which the homestead

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
<p>lands are situated, without the consent of the homesteader 1; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State, Territory, or the District of Alaska in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of Washington, and for medical supplies and assistance necessary for immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work: <i>And provided further, That hereafter officers and employees of the Forest Service may be paid for the use of their own conveyances on official business at rates to be fixed by the Secretary of Agriculture, which shall not in any event exceed the customary charges for the hire of private conveyances for similar use</i>; and for rent outside of the District of Columbia, as follows:</p>		
<p>NOTE.—The proviso in brackets, in regard to the construction of buildings upon homestead lands prior to the date of the establishment of the forest reservation, is continuing legislation and may be omitted.</p>		
<p>New language has been added to provide for medical assistance. The provision in the appropriation for 1915 for furnishing medical supplies for the immediate relief of artisans, laborers, and other employees engaged in hazardous employment in the Forest Service is amended by providing also for medical assistance in such cases. By the act of March 11, 1912 (37 Stat., p. 74), Congress extended to such employees the benefits of the Compensation Act of May 30, 1908 (35 Stat., p. 556). Under this legislation the Forest Service appropriation becomes liable for the payment of salary or wages of employees of the service injured while engaged in hazardous employment during the period of disability, but not exceeding one year from the date of injury. From the frequently hazardous nature of their duties the employees of the service are peculiarly liable to injuries, and it is in the interests not only of the humane treatment of employees injured in the course of their employment, but also of economy in the expenditure of the public funds that such injuries be given adequate medical treatment immediately, thereby reducing the period of disability for which the Government becomes liable under the compensation act.</p>		
<p>A new provision has been added authorizing payment to officers and employees of the Forest Service for the use of conveyances owned by them when used on official business. Certain of the forest officers are required under the terms of their employment to furnish one or more saddle horses together with the necessary equipment for transportation in their official business. Frequently forest officers own conveyances which are not required under the terms of their employment. Experience has shown that where forest officers live at points remote from regular routes of travel, it is either difficult or impossible, and usually very expensive, to hire private conveyances for official work which can not be carried on with the transportation which the forest officer is required to furnish himself. Under such circumstances forest officers who own automobiles, motor cycles, or other conveyances could occasionally use them with advantage to the Government in patrol work, fire fighting, or inspection work, thereby greatly increasing their efficiency and reducing the expense which would necessarily be incurred in the hire of private conveyances. The granting to the Secretary of Agriculture of authority to make reasonable reimbursement to Forest officers in such cases would be in the interest of economy and more efficient protection and administration of the national forests.</p>		

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(84) For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests named below (<i>act June 30, 1914, vol. 38, pp. 425-430, sec. 1</i>):		
<p>NOTE.—The majority of the subappropriations for the individual national forests named below have been decreased. The reason for these changes is primarily due to two important changes in the method of presenting the estimates. In previous years the Secretary of Agriculture has been authorized to deduct from the general-expense subappropriations an aggregate of not to exceed 15 per cent for the purposes of general administration. The specific sums used for the expenses of general administration in the Washington office and in the district offices have thus not appeared in the appropriation bill. In the present estimates eight specific items are set forth to cover general administration. This amount has accordingly been deducted from the various individual subappropriations. A second important change is the presentation of a separate item for timber cruising, timber appraisal, and other reconnaissance work. Inasmuch as this work must be accommodated to the applications for the sale of timber, the exact needs of each forest can not be anticipated, and, therefore, provision for the work is made in a separate item. This causes a further reduction from the individual forest appropriations. A third reason for certain of the changes in the national forest items is due to the changes in the protective and administrative organization and in the distribution of statutory positions to meet more effectively the needs for fire protection and the fluctuations in the volume of business transacted on the different forests. The protective organization on the individual forests consists of permanent, or yearlong, employees on the statutory roll, together with the short-term guards and other protective forces employed during the fire season. These forces are organized on the basis of the average normal fire conditions as determined by the experience of past years. As this experience accumulates readjustments in this organization become necessary, which may involve changes in the distribution of the statutory force as well as in the short-term force, which is paid for out of the lump-fund appropriations for the individual forests. These readjustments must be made from year to year but do not necessarily affect the aggregate of the statutory and lump-fund appropriation. The fluctuations in the volume of business arise from differences in the amounts of timber sold, the number of stock grazed, the occupancy and other miscellaneous uses of the forest land, the number of applications for tracts of land for agricultural settlement under the act of June 11, 1906, etc.</p>		
(85) Absaroka National Forest, Mont.	\$7, 425. 00	
(86) Alamo National Forest, N. Mex. 【\$4,400】	3, 578. 00	
(87) Angeles National Forest, Cal. 【\$16,774】	12, 518. 00	
(88) Apache National Forest, Ariz. 【\$8,610】	9, 967. 00	
(89) Arapahoe National Forest, Colo. 【\$11,970】	6, 693. 00	
(90) Arkansas National Forest, Ark. 【\$16,910】	11, 930. 00	
(91) Ashley National Forest, Utah and Wyo. 【\$6,260】	2, 996. 00	
(92) Battlement National Forest, Colo. 【\$7,380】	4, 916. 00	
(93) Beartooth National Forest, Mont. 【\$7,020】	3, 849. 00	
(94) Beaverhead National Forest, Mont. and Idaho 【\$10,585】	7, 169. 00	
(95) Bighorn National Forest, Wyo. 【\$15,100】	7, 929. 00	
(96) Bitterroot National Forest, Mont. 【\$15,530】	12, 919. 00	
(97) Blackfeet National Forest, Mont. 【\$24,980】	14, 591. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(98) Black Hills National Forest, S. Dak. 【\$14,140】 -----	\$11, 768. 00	
(99) Boise National Forest, Idaho 【\$12,373】 -----	6, 676. 00	
(100) Bonneville National Forest, Wyo. 【\$7,250】 -----	6, 755. 00	
(101) Bridger National Forest, Wyo. 【\$4,200】 -----	1, 988. 00	
(102) Cabinet National Forest, Mont. 【\$11,740】 -----	8, 333. 00	
(103) Cache National Forest, Utah and Idaho 【\$7,170】 -----	4, 267. 00	
(104) California National Forest, Cal. 【\$19,600】 -----	18, 114. 00	
(105) Caribou National Forest, Idaho and Wyo. 【\$6,146】 -----	4, 020. 00	
(106) Carson National Forest, N. Mex. 【\$13,900】 -----	7, 228. 00	
(107) Cascade National Forest, Oreg. 【\$23,040】 -----	9, 968. 00	
(108) Challis National Forest, Idaho 【\$7,015】 -----	3, 668. 00	
(109) Chelan National Forest, Wash. 【\$9,130】 -----	6, 260. 00	
(110) Chiricahau National Forest, Ariz. and N. Mex. 【\$3,750】 -----	3, 085. 00	
(111) Chugach National Forest, Alaska 【\$16,330】 -----	9, 418. 00	
(112) Clearwater National Forest, Idaho 【\$17,330】 -----	12, 665. 00	
(113) Cleveland National Forest, Cal. 【\$16,329】 -----	9, 633. 00	
(114) Cochetopa National Forest, Colo. 【\$7,000】 -----	5, 432. 00	
(115) Coconino National Forest, Ariz. 【\$12,610】 -----	10, 501. 00	
(116) Coeur d'Alene National Forest, Idaho 【\$41,440】 -----	24, 459. 00	
(117) Colorado National Forest, Colo. 【\$8,734】 -----	5, 102. 00	
(118) Columbia National Forest, Wash. 【\$17,880】 -----	8, 758. 00	
(119) Colville National Forest, Wash. 【\$9,210】 -----	6, 883. 00	
(120) Coronado National Forest, Ariz. 【\$6,470】 -----	5, 905. 00	
(121) Crater National Forest, Oreg. and Cal. 【\$18,800】 -----	15, 610. 00	
(122) Crook National Forest, Ariz. 【\$6,940】 -----	4, 726. 00	
(123) Custer National Forest, Mont. 【\$5,400】 -----	4, 200. 00	
(124) Dakota National Forest, N. Dak. 【\$835】 -----	201. 00	
(125) Datil National Forest, N. Mex. 【\$11,700】 -----	10, 179. 00	
(126) Deerlodge National Forest, Mont. 【\$20,900】 -----	12, 591. 00	
(127) Deschutes National Forest, Oreg. 【\$7,680】 -----	8, 809. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(128) Dixie National Forest, Utah and Ariz. 【\$3,770】 -----	\$1, 596. 00	
(129) Durango National Forest, Colo. 【\$8,685】 -----	6, 873. 00	
(130) Eldorado National Forest, Cal. and Nev. 【\$15,090】 -----	10, 417. 00	
(131) Fillmore National Forest, Utah 【\$2,210】 -----	3, 374. 00	
(132) Fishlake National Forest, Utah 【\$5,300】 -----	5, 699. 00	
(133) Flathead National Forest, Mont. 【\$37,880】 -----	19, 563. 00	
(134) Florida National Forest, Fla. 【\$6,180】 -----	4, 927. 00	
(135) Fremont National Forest, Oreg. 【\$9,200】 -----	7, 985. 00	
(136) Gallatin National Forest, Mont. 【\$6,161】 -----	5, 694. 00	
(137) Gila National Forest, N. Mex. 【\$13,700】 -----	11, 598. 00	
(138) Gunnison National Forest, Colo. 【\$8,790】 -----	4, 336. 00	
(139) Harney National Forest, S. Dak. 【\$10,900】 -----	7, 810. 00	
(140) Hayden National Forest, Wyo. and Colo. 【\$7,525】 -----	6, 863. 00	
(141) Helena National Forest, Mont. 【\$7,220】 -----	4, 012. 00	
(142) Holy Cross National Forest, Colo. 【\$7,860】 -----	6, 394. 00	
(143) Humboldt National Forest, Nev. 【\$4,330】 -----	2, 542. 00	
(144) Idaho National Forest, Idaho 【\$9,490】 -----	6, 379. 00	
(145) Inyo National Forest, Cal. and Nev. 【\$6,290】 -----	3, 076. 00	
(146) Jefferson National Forest, Mont. 【\$6,310】 -----	9, 481. 00	
【Jemez National Forest, N. Mex. \$8,700.】		
NOTE.—This forest has been consolidated with the Pecos under the name of the Santa Fe National Forest.		
(147) Kaibab National Forest, Ariz. 【\$4,840】 -----	2, 889. 00	
(148) Kaniksu National Forest, Idaho and Wash. 【\$26,690】 -----	19, 146. 00	
(149) Kansas National Forest, Kans. 【\$3,117】 -----	1, 432. 00	
【Kern National Forest, Cal., \$16,890.】		
NOTE.—This forest has been consolidated with the Sequoia National Forest.		
(150) Klamath National Forest, Cal. 【\$32,640】 -----	20, 981. 00	
(151) Kootenai National Forest, Mont. 【\$36,440】 -----	16, 861. 00	
(152) La Sal National Forest, Utah and Colo. 【\$4,000】 -----	3, 348. 00	
(153) Lassen National Forest, Cal. 【\$20,070】 -----	12, 629. 00	
(154) Leadville National Forest, Colo. 【\$9,037】 -----	5, 524. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(155) Lemhi National Forest, Idaho 【\$6,650】 -----	\$4, 671. 00	
(156) Lewis and Clark National Forest, Mont. 【\$10,614】 -----	6, 899. 00	
(157) Lincoln National Forest, N. Mex. 【\$4,360】 -----	3, 845. 00	
(158) Lolo National Forest, Mont. 【\$21,100】 -----	17, 822. 00	
(159) Luquillo National Forest, P. R. 【\$5,960】 -----	2, 500. 00	
(160) Madison National Forest, Mont. 【\$9,606】 -----	6, 275. 00	
(161) Malheur National Forest, Oreg. 【\$11,460】 -----	7, 591. 00	
(162) Manti National Forest, Utah 【\$9,500】 -----	6, 766. 00	
(163) Manzano National Forest, N. Mex.-----	4, 230. 00	
【Marquette National Forest, Mich., \$1,170.】		
NOTE.—This forest has been consolidated with the Michigan National Forest.		
(164) Medicine Bow National Forest, Wyo. 【\$9,400】 -----	4, 314. 00	
(165) Michigan National Forest, Mich. 【\$2,417】 -----	3, 081. 00	
(166) Minam National Forest, Oreg. 【\$4,930】 -----	5, 797. 00	
(167) Minnesota National Forest, Minn. 【\$6,560】 -----	4, 859. 00	
(168) Minidoka National Forest, Idaho and Utah 【\$3,180】 -----	3, 384. 00	
(169) Missoula National Forest, Mont. 【\$12,440】 -----	9, 482. 00	
【Moapa National Forest, Nev., \$860.】		
NOTE.—This forest has been consolidated with the Toiyabe National Forest.		
(170) Modoc National Forest, Cal. 【\$13,450】 -----	7, 388. 00	
(171) Mono National Forest, Nev. and Cal. 【\$5,100】 -----	1, 385. 00	
(172) Monterey National Forest, Cal. 【\$2,787】 -----	2, 251. 00	
(173) Montezuma National Forest, Colo. 【\$8,802】 -----	5, 012. 00	
【Nebo National Forest, Utah, \$1,654.】		
NOTE.—This forest has been consolidated with the Fillmore, Manti, and Uinta National Forests.		
(174) Nebraska National Forest, Nebr., 【\$8,000】 \$5,897; and to extend the work to the Niobrara division thereof, \$5,000: <i>Provided</i> , That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An act increasing the area of homesteads in a portion of Nebraska," approved Apr. 28, 1904.-----	10, 897. 00	
(175) Nevada National Forest, Nev. 【\$7,410】 -----	4, 715. 00	
(176) Nez Perce National Forest, Idaho 【\$14,619】 -----	11, 214. 00	
(177) Ochoco National Forest, Oreg. 【\$8,600】 -----	6, 706. 00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(178) Okanogan National Forest, Wash. 【\$14,800】 -----	\$9, 994. 00	
(179) Olympic National Forest, Wash. 【\$25,650】 -----	17, 178. 00	
(180) Oregon National Forest, Oreg. 【\$17,600】 -----	12, 963. 00	
(181) Ozark National Forest, Ark. 【\$15,893】 -----	9, 030. 00	
(182) Palisade National Forest, Idaho and Wyo. 【\$7,100】 -----	5, 472. 00	
【Paulina National Forest, Oreg., \$7,330.】		
NOTE.—This forest has been consolidated with the Deschutes, Fremont, and Crater National Forests.		
(183) Payette National Forest, Idaho 【\$18,870】 -----	10, 833. 00	
【Pecos National Forest, N. Mex., \$7,570.】		
NOTE.—This forest has been consolidated with the Jemez under the name of the Santa Fe National Forest.		
(184) Pend Oreille National Forest, Idaho 【\$17,450】 -----	14, 459. 00	
(185) Pike National Forest, Colo. 【\$16,862】 -----	11, 714. 00	
(186) Plumas National Forest, Cal. 【\$27,600】 -----	18, 107. 00	
【Pocatello National Forest, Idaho and Utah, \$1,483.】		
NOTE.—This forest has been consolidated with the Cache National Forest.		
(187) Powell National Forest, Utah 【\$2,586】 -----	1, 854. 00	
(188) Prescott National Forest, Ariz. 【\$4,780】 -----	5, 758. 00	
(189) Rainier National Forest, Wash. 【\$15,400】 -----	12, 035. 00	
(190) Rio Grande National Forest, Colo. 【\$10,976】 -----	6, 301. 00	
(191) Routt National Forest, Colo. 【\$9,060】 -----	7, 687. 00	
(192) Ruby National Forest, Nev. 【\$2,430】 -----	2, 951. 00	
(193) Saint Joe National Forest, Idaho 【\$34,330】 -----	18, 876. 00	
(194) Salmon National Forest, Idaho 【\$13,690】 -----	5, 694. 00	
(195) San Isabel National Forest, Colo. 【\$4,350】 -----	3, 924. 00	
(196) San Juan National Forest, Colo. 【\$8,450】 -----	5, 962. 00	
(197) Santa Barbara National Forest, Cal. 【\$11,407】 -----	13, 637. 00	
(198) <i>Santa Fe National Forest, N. Mex.</i> -----	12, 757. 00	
NOTE.—This forest is a consolidation of the Jemez and Pecos National Forests.		
(199) Santa Rosa National Forest, Nev. 【\$2,180】 -----	1, 643. 00	
(200) Santiam National Forest, Oreg. 【\$15,400】 -----	9, 703. 00	
(201) Sawtooth National Forest, Idaho 【\$5,535】 -----	4, 504. 00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(202) Selway National Forest, Idaho 【\$14,695】	\$12, 659. 00	
(203) Sequoia National Forest, Cal. 【\$18,400】	21, 710. 00	
(204) Sevier National Forest, Utah 【\$3,760】	2, 578. 00	
(205) Shasta National Forest, Cal. 【\$21,630】	17, 425. 00	
(206) Shoshone National Forest, Wyo. 【\$7,905】	4, 200. 00	
(207) Sierra National Forest, Cal. 【\$30,750】	19, 163. 00	
(208) Sioux National Forest, S. Dak. and Mont. 【\$6,895】	3, 773. 00	
(209) Siskiyou National Forest, Oreg. and Cal. 【\$16,530】	11, 268. 00	
(210) Sitgreaves National Forest, Ariz. 【\$8,300】	6, 941. 00	
(211) Siuslaw National Forest, Oreg. 【\$10,260】	6, 646. 00	
(212) Snoqualmie National Forest, Wash. 【\$18,860】	11, 946. 00	
(213) Sopris National Forest, Colo. 【\$6,230】	6, 614. 00	
(214) Stanislaus National Forest, Cal. 【\$16,601】	17, 822. 00	
【Sundance National Forest, Wyo. \$3,711.】		
NOTE.—This forest has been consolidated with the Black Hills National Forest.		
(215) Superior National Forest, Minn. 【\$7,890】	7, 122. 00	
(216) Tahoe National Forest, Cal. and Nev. 【\$22,160】	13, 428. 00	
(217) Targhee National Forest, Idaho and Wyo. 【\$8,861】	5, 956. 00	
(218) Teton National Forest, Wyo. 【\$6,760】	4, 033. 00	
(219) Toiyabe National Forest, Nev. 【\$9,770】	5, 354. 00	
(220) Tongass National Forest, Alaska 【\$22,300】	11, 629. 00	
(221) Tonto National Forest, Ariz. 【\$5,495】	4, 772. 00	
(222) Trinity National Forest, Cal. 【\$25,770】	16, 881. 00	
(223) Tusayan National Forest, Ariz. 【\$15,261】 , \$9,865, of which sum not to exceed \$3,000 may be expended in the erection of a headquarters building at the Grand Canyon National Monument.	9, 865. 00	
NOTE.—Under existing law the cost of any building erected for the Forest Service is limited to \$650. The purpose of this provision is to extend this limit to \$3,000 in order to permit the erection of a suitable headquarters building at the Grand Canyon National Monument. This natural wonder is visited every year by many thousands of citizens of this and other countries, and for the protection of the property and for the transaction of business with these visitors it is necessary to erect a suitable headquarters building at that place.		
(224) Uinta National Forest, Utah 【\$5,585】	2, 248. 00	
(225) Umatilla National Forest, Oreg. 【\$6,200】	5, 162. 00	
(226) Umpqua National Forest, Oreg. 【\$12,240】	10, 309. 00	

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(227) Uncompahgre National Forest, Colo. [\$9,700]	\$6, 690. 00	
(228) Wallowa National Forest, Oreg. [\$10,560]	7, 437. 00	
(229) Wasatch National Forest, Utah [\$3,200]	5, 050. 00	
(230) Washakie National Forest, Wyo. [\$3,900]	2, 096. 00	
(231) Washington National Forest, Wash. [\$13,130]	7, 909. 00	
(232) Weiser National Forest, Idaho [\$10,460]	8, 526. 00	
(233) Wenaha National Forest, Wash. and Oreg. [\$8,910]	5, 420. 00	
(234) Wenatchee National Forest, Wash. [\$9,330]	8, 858. 00	
(235) White River National Forest, Colo. [\$10,267]	7, 172. 00	
(236) Whitman National Forest, Oreg. [\$16,790]	8, 749. 00	
(237) Wichita National Forest, Okla. [\$3,800]	1, 966. 00	
(238) Wyoming National Forest, Wyo.	7, 170. 00	
(239) Additional national forests created or to be created under section 11 of the act of Mar. 1, 1911 (36 Stat., p. 963), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said act [\$77,590]	67, 000. 00	
(240) <i>For necessary miscellaneous expenses incident to the general administration of the national forests specified above:</i>		
(241) <i>In National Forest District 1</i>	64, 100. 00	
(242) <i>In National Forest District 2</i>	49, 800. 00	
(243) <i>In National Forest District 3</i>	56, 400. 00	
(244) <i>In National Forest District 4</i>	50, 400. 00	
(245) <i>In National Forest District 5</i>	72, 500. 00	
(246) <i>In National Forest District 6</i>	60, 700. 00	
(247) <i>In National Forest District 7</i>	12, 500. 00	
(248) <i>In the District of Columbia</i>	131, 970. 00	

NOTE.—The preceding eight special items for general administration have been substituted for the item in preceding appropriation bills which provides that not to exceed 15 per cent of the total of all sums appropriated under general expenses of the Forest Service may be used for general administration of the Forest Service. The general administration of the Forest Service centers in the Office of the Forester, at Washington, D. C. Immediate supervision, control, and inspection of the national forest work is centered at seven district headquarters. At Washington and at the district headquarters are concentrated various routine processes and technical operations whenever efficiency and economy make such concentration desirable. Thus the general work of accounts, expenses connected with the law work, a large part of the drafting and map making, and other routine processes are conducted at the Washington and district headquarters. The change does not involve the establishment of any new work, nor does it involve any changes in organization or in salaries, or any increase in the aggregate of expenses. The purpose is to present to Congress a specific statement of the expenses of the work of general administration and to simplify comparison of forest expenses from year to year.

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
<p>(249) <i>In all, for the use, maintenance, improvement, protection, and general administration of the specified national forests, \$1,811,148: Provided, That the foregoing amounts appropriated for such purposes shall be available interchangeably in the discretion of the Secretary of Agriculture for necessary expenditures for fire protection and for the disposal of timber and other forest resources in accordance with law;</i></p> <p>NOTE.—This new language would grant to the Secretary of Agriculture discretionary authority to use interchangeably the various subappropriations for protection and administration of the national forests. This authority would be confined wholly to the funds appropriated for the protection and administration of the national forests and the utilization of their resources; it would not be applicable to any funds provided for other purposes. The authority is requested because of varying needs for protection and the fluctuations in the volume of business on the different national forest units, which can not be foreseen at the time of submitting the estimates to Congress, and which require action in emergency at a time when it is impossible to secure from Congress amendatory legislation. There is special need of such authority in handling forest-fire emergencies. The shifting of funds from a forest, where the seasonal conditions are favorable, to another forest where there is great hazard on account of drought would often enable increased patrol sufficient to prevent the development of dangerous fires and thereby save a large expenditure in actual fire fighting. The present authority permits the limited interchange of funds, but no subappropriation can be reduced more than 10 per cent. This is inadequate to meet the emergency conditions frequently encountered among the 155 national forests.</p>		
<p>(250) For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests (<i>act June 30, 1914, vol. 38, pp. 425-430, sec. 1</i>) \$100, 000. 00</p>		
<p>(251) For the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the act of June 11, 1906 (34 Stat., p. 233), and the act of Mar. 3, 1899 (30 Stat., p. 1095), as provided by the act of Mar. 4, 1913, \$85,000: <i>Provided, That any unexpended balance of an appropriation of \$35,000 to be expended "under the direction of the Secretary of Agriculture for survey and listing of lands within the forest reserves chiefly valuable for agriculture and describing the same by metes and bounds or otherwise," "for the survey and platting of certain lands, chiefly valuable for agriculture," and so forth, provided by the act of Mar. 4, 1913 June 30, 1914, entitled "An act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1914," be, and the same is hereby, continued and made available for and during the fiscal year ending June 30, 1915, 1916, for the purpose of this appropriation (same act)</i> 85, 000. 00</p> <p>NOTE.—The purpose of these changes is to make available for expenditure during 1916 any unexpended balance from the appropriation for 1915 for the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the act of June 11, 1906. The surveys, which are begun in May or June, are ordinarily not completed by July 1, and in view of the difficulties experienced in paying the expenses of such surveys from two different appropriations it is desirable to continue the availability of the small unexpended balances until the projects are completed.</p>		
<p>(252) For fighting and preventing forest fires and for other unforeseen emergencies (<i>same act</i>) 150, 000. 00</p>		

estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(253) For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments ["\$160,000"] (<i>act June 30, 1914, vol. 38, pp. 425-430, sec. 1</i>) -----	\$152, 000. 00	
NOTE.—The reduction of \$8,000 in the amount estimated for the purchase and maintenance of the necessary field, office, and laboratory supplies, instruments, and equipment is made possible by deferring the purchase of additional instruments and equipment which will not certainly be needed during the fiscal year 1916. Every effort is being made to restrict expenditures for such articles to necessary replacement and repairs, and to the purchase of only such additional equipment as is indispensable to the proper conduct of the business, careful attention being given to methods of reducing the cost of the maintenance of instruments and equipment which have been in use for a number of years.		
(254) For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and the testing of such woods as may require test to ascertain if they be suitable for making paper, <i>for investigations and tests of foreign woods of commercial importance to industries in the United States</i> , and for other investigations and experiments to promote economy in the use of forest products (<i>same act</i>) -----	140, 000. 00	
NOTE.—The Comptroller of the Treasury has rendered an opinion that under the authority contained in the current appropriation for timber testing, the experiments and tests must be confined to American timber, and that the Forest Service is not authorized to use any part of this appropriation in making tests of foreign timber in cooperation with manufacturers and others. This amendment provides for the conduct of investigations and tests of foreign woods of commercial importance to industries in the United States. The importance of conducting investigations and tests of various classes of foreign timber to determine their economic possibilities in the markets of the United States has been realized by the Department for some time. These tests would include a determination of the strength of the timber, the adaptability of the wood for paper pulp, its suitability for wood distillation, and other properties of the particular species which would make it of value in the markets of the United States. They would usually be carried on by the Forest Service laboratories in the United States, but sometimes at manufacturing plants by the manufacturers themselves in cooperation with the Forest Service, the latter merely paying such expenses as are incident to the conduct of correspondence regarding tests and obtaining reports upon the results secured. In either case the work contemplated will include the compilation by the Forest Service of information showing the present and possible industrial uses of the foreign wood, the cost of its exploitation in the foreign country, and similar data.		
(255) For experiments and investigations of range conditions within national forests, and of methods for improving the range by reseeding, regulation of grazing, and other means (<i>same act</i>) . . .	25, 000. 00	
(256) For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, \$165,640 ["Provided, That hereafter the Secretary of Agriculture may procure such seed, cones, and nursery stock by open purchase, without advertisements for proposals, whenever in his discretion such method is most economical and in the public interest and when the cost thereof will not exceed \$500"] (<i>same act</i>) -----	165, 640. 00	
NOTE.—The provision authorizing the Secretary of Agriculture to purchase seed, cones, and nursery stock in open market should be omitted, as it is permanent legislation.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(257) For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands (<i>act June 30, 1914, vol. 38, pp. 425-430, sec. 1</i>)	\$83,728.00	
(258) For estimating and appraising timber and other resources on the national forests preliminary to disposal by sale or to the issue of occupancy permits, and for emergency expenses incident to their sale or use	60,000.00	
NOTE.—The amount estimated for in this item does not represent an increase in the appropriation for the Forest Service. The same amount in the aggregate is provided in the appropriation for 1915, but is distributed in the sub-appropriations for the individual forests. This change in the form of submitting the estimates for this work is made to permit freer utilization of these funds to meet the fluctuating demands for timber and other resources of the different National Forests. This lump fund will be used for the cruising of timber applied for by prospective purchasers, or for which demand is anticipated, the examination of areas desired for right-of-way or other occupancy use, the determination of the character and condition of the forage resources, and such other reconnaissance as will permit more expeditious utilization and development of these resources. This work is necessary in order to carry on the revenue-producing activities of the forests with business efficiency. The sub-appropriations for the individual National Forests have been correspondingly reduced.		
(259) For other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for (<i>same act</i>)	40,160.00	
(260) For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$400,000: <i>Provided</i> , That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized in and by this appropriation: <i>And provided also</i> , That no part of this appropriation shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public (<i>same act</i>)	400,000.00	
In all, for general expenses	\$3,212,676.00	\$3,243,096.00
Appropriations for 1906..... ¹ \$793,180 Appropriations for 1907..... ¹ 887,140 Appropriations for 1908..... ² 2,256,800 Appropriations for 1909..... ² 3,751,900 Appropriations for 1910..... ² 4,586,000 Sundry civil act.....30,000 Appropriations for 1911..... ² 4,947,900 Deficiency act.....900,000 Appropriations for 1912..... ² 3,214,420 Appropriations for 1913.....3,107,285 Appropriations for 1914.....3,160,119 Appropriations for 1915.....3,243,096	Estimates for 1907..... ¹ \$918,040 Estimates for 1908..... ¹ 770,060 Estimates for 1909..... ² 3,051,900 Estimates for 1910..... ² 5,931,300 Estimates for 1911..... ² 4,983,500 Estimates for 1912.....3,189,420 Estimates for 1913.....3,208,005 Estimates for 1914.....3,198,939 Estimates for 1915.....3,238,096 Estimates for 1916.....3,212,676	

¹ "Improvement of the National Forests" provided for from receipts from national forests.² Includes amount appropriated separately for "Improvement of the National Forests."³ In addition, an estimated balance of about \$1,000,000 from receipts prior to July 1, 1907, was available for administration and improvement of the national forests. (See estimates of appropriations for the fiscal year 1909, p. 548.)⁴ Includes amount estimated for separately for "Improvement of the National Forests."

NOTE.—The total for general expenses for 1915 is \$3,243,096. The total for general expenses estimated for 1916 is \$3,212,676, a net decrease of \$30,420.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<p><i>General Expenses, Forest Service—Continued.</i></p>		
<p>This net decrease is accounted for by a reduction of \$30,900 due to the transfer to the statutory roll of 25 persons previously carried on the miscellaneous roll, by a reduction of \$8,000 in the subappropriation for supplies and equipment, and an increase of \$8,480 in the aggregate subappropriations for the protection and administration of the national forests.</p>		
<p>[Not to exceed 15 per centum of the total of all sums appropriated under "General expenses, Forest Service," may be used in the discretion of the Secretary of Agriculture as provided above under general expenses for Forest Service for all expenses necessary for the general administration of the Forest Service.]</p>		
<p>NOTE.—The provision for general administration of not to exceed 15 per cent of the total of all sums appropriated under general expenses is omitted, since the amount formerly provided for this purpose is now included in estimates by districts and the Washington office, and corresponding reductions have been made in the subappropriations for the protection and administration of the forests.</p>		
<p>[That hereafter all moneys received as contributions toward cooperative work in forest investigations, or the protection and improvement of the national forests, shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said investigations, protection, or improvements by the Forest Service, and for refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said investigations, protection, or improvements: <i>Provided</i>, That annual report shall be made to Congress of all such moneys so received as contributions for such cooperative work.]</p>		
<p>(261) <i>That hereafter all moneys received toward cooperative work in forest investigations or in the protection and improvement of the national forests or in the survey, examination, and appraisal of lands and timber, the exchange of which shall have been or hereafter may be authorized by Congress for the purpose of eliminating private holdings in national forests or of consolidating lands of the United States therein, shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said work and of refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said work: Provided, That annual report shall be made to Congress of all such moneys so received as contributions for such cooperative work. And hereafter in lieu of requiring purchasers of national-forest timber to dispose of the brush and débris resulting from cutting operations the Secretary of Agriculture may require them to deposit in the Treasury such sum in each case as he may consider necessary to cover the cost to the United States of such work, and the moneys so deposited shall constitute a special fund, which is hereby appropriated and made available until expended, to enable the Secretary to pay such cost and to make refunds of any amounts deposited by such purchasers in excess of such cost.</i></p>		
<p>NOTE.—The appropriation for 1915 provides for the handling of contributions toward cooperative work in forest investigations or the protection and improvement of the national forests. The item substituted in the estimates for 1916,</p>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<p><i>General Expenses, Forest Service—Continued.</i></p> <p>in lieu of the existing law, in addition to providing for this work provides also for the receipt and disbursement of funds to defray the expenses of the survey, examination, and appraisal of lands included in exchanges of land authorized by Congress for the purpose of eliminating private lands within the national forests, or consolidating Government lands. Three acts involving the exchange of national forest lands have been passed by Congress within the past year. It is considered essential that the Government have full control of the personnel employed in the work and the methods used in surveying, examining, and appraising timber and lands privately and publicly owned considered for exchange. This will prevent any criticism that the private owner of lands considered for exchange has had undue influence in the collection of data or the appraisal made as the basis for the exchange. There is no legislation at present permitting the receipt and disbursement of such funds by the Government, and the amendment has been prepared to accomplish this purpose. The amendment also provides for the receipt and disbursement of funds by the Government from purchasers of timber from the national forests to defray the expenses connected with the burning of brush and debris resulting from their timber operations. All timber-sale contracts for national forest timber require that brush and debris shall be burned at the expense of the operator, the contract stipulating a maximum expenditure for which the operator is liable under the requirement. These expenses are now met directly by him. It has not always been practicable, however, for operators to burn brush and debris from timber-sale operations at the most opportune time on account of lack of men or the necessity of employing all men available to them on other major features of their operations. It is intended by the amendment to have the required sum now specified in national forest timber-sale contracts deposited by the operator in the United States Treasury, with which sum the Forest Service can directly defray the expense of brush and debris disposal on the timber-sale areas to which the deposit is applicable. The amendment, proposed for the more adequate and efficient protection and administration of the national forests, will insure the disposal of brush and debris at the proper time and in the proper manner within the maximum liability specified in the timber-sale contract.</p>		
<p>(262) <i>That hereafter the Secretary of Agriculture is authorized to reimburse forest officers and other owners of horses, vehicles, or equipment lost, damaged, or destroyed while being used for necessary fire fighting, trail, or official business, such reimbursement to be made from any available funds in the appropriation to which the use or hire of such equipment is properly chargeable.</i></p>		
<p>NOTE.—The act of Mar. 4, 1913, making appropriations for the Department of Agriculture, provided for reimbursement to "owners of horses, vehicles, and other equipment lost, damaged, or destroyed while being used for necessary fire fighting, trail, or official business." It has been decided by the Comptroller of the Treasury that this act does not authorize reimbursement of forest officers for the loss of or damage to horses, vehicles, or other equipment which they are required to furnish in the performance of their official duties. During the past two years there have been several cases in which forest officers who were using their own horses and vehicles in fire fighting or other official business have suffered losses from unusual causes which could not be foreseen or from which they could not escape, and inability to secure reimbursement has caused them to suffer great hardship. It is desired to extend the provisions of this act and include authority to reimburse forest officers for horses, vehicles, or other equipment, which they are required to furnish in connection with their official duties, when the same is lost, damaged, or destroyed while in use in fire fighting or otherwise under circumstances which, in the opinion of the Secretary of Agriculture, warrant reimbursement; in short, to extend to forest officers the same relief as is given to other owners under the present law.</p>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
(263) <i>To enable the Secretary of Agriculture more effectively to carry out the provisions of the act of Mar. 1, 1911 (36 Stat., p. 961), entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," the moneys appropriated therein shall be available for the employment of agents, clerks, assistants, and other labor required for the purpose of said act in the city of Washington.</i>		
NOTE.—It is necessary in administering the act of Mar. 1, 1911 (36 Stat., p. 961), to employ a number of technical assistants and clerks whose duties must be performed in the city of Washington. The necessity for having this work done in Washington is primarily because the National Forest Reservation Commission holds its meetings in this city. It was without doubt the intention of Congress in passing the act of Mar. 1, 1911, to authorize the payment of all necessary expenses incident to the acquisition of land as authorized in the law, but in order to conform to the act of Aug. 5, 1882 (22 Stat., p. 255), authority must be provided in explicit terms for the payment of salaries in the District of Columbia. The amendment submitted in the estimates is to supply the omission in the original act. No additional appropriation is involved, since the necessary funds are available under the act of Mar. 1, 1911.		
(264) <i>That hereafter the Secretary of Agriculture may, upon such terms as he may deem proper, for periods not exceeding twenty years, permit responsible persons or associations to use and occupy suitable spaces or portions of ground in the national forests for the construction of summer homes, hotels, stores, or other structures needed for recreation or public convenience, not exceeding five acres in area to any one person or association.</i>		
NOTE.—Under existing law the Secretary of Agriculture is authorized to permit the occupancy of national forest land for any use not inconsistent with the purposes for which the forests are created, but the permission to occupy such land may be terminated at any time in the discretion of the Secretary. Such permits are sufficient to meet the public needs when the use of the land does not involve expenditures of any considerable sum of money in the erection of buildings or other improvements on the land. When, however, the use of the land necessitates the investment of considerable sums, as, for example, in the erection of hotels, mills, canneries, stores, and other business structures, or summer residences and other buildings for recreation, the revocable permit offers a serious difficulty, which can be readily overcome by extending the authority of the Secretary to the granting of leases. To increase the public benefits and public use of the national forests the adoption of the paragraph inserted in the estimates for 1916 is recommended.		
(265) <i>That hereafter the Secretary of Agriculture, under regulations to be prescribed by him, is hereby authorized to permit the Navy Department to take from the national forests such earth, stone, and timber for the use of the Navy as may be compatible with the administration of the national forests for the purposes for which they are established.</i>		
NOTE.—The department is without authority to grant the free use of earth, stone, and timber from the national forests to the Navy Department. The Navy Department uses approximately 15,000,000 feet of lumber annually. Of this amount it is probable that the Forest Service can furnish from the national forests 12,000,000 feet per annum, and effect a saving of approximately 50 per cent in the cost of the lumber. The Navy Department has expressed a desire to have the resources of the national forests available to it for its needs where it is practicable, and this department desires to cooperate with the Navy Department in furnishing needed timbers to the fullest extent possible. By the act of February 8, 1905 (33 Stat., p. 706) Congress provided for the use of earth, stone, and timber from the national forests for the purpose of the reclamation act. This amendment will confer similar authority for the benefit of the Navy.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved August 1, 1914.</i>		
National forests, 1916, \$1,312,778.	National forests, 1914, \$1,520,853.68.	
Salaries..... \$859,434.00	Salaries..... \$830,834.39	
As follows:	As follows:	
In Washington—	In Washington—	
1 statistical clerk, \$1,200.	1 forest examiner, \$2,500 (2½ months).	
1 assistant in xylotomy, \$1,000.	1 forest inspector, \$2,500 (7½ months).	
Out of Washington—	Out of Washington—	
1 forest examiner, \$1,800.	1 forest supervisor, \$1,900 (11 months).	
5 forest examiners, at \$1,700 each.	1 deputy forest supervisor, \$1,800.	
8 forest examiners, at \$1,600 each.	1 deputy forest supervisor, \$1,500 (3 months).	
19 forest examiners, at \$1,500 each.	1 lumberman, \$2,000.	
42 forest examiners, at \$1,400 each.	1 lumberman, \$1,900 (2 months).	
10 forest examiners, at \$1,300 each.	1 lumberman, \$1,800.	
18 forest assistants, at \$1,200 each.	4 lumbermen, at \$1,800 each (6½ months).	
32 forest assistants, at \$1,100 each.	1 pilot and engineer, \$1,500 (2 months).	
2 forest assistants, at \$1,000 each.	1 national forest examiner, \$2,000 (1 month).	
1 lumberman, \$1,800.	1 national forest examiner, \$1,500 (1 month).	
1 scaler, \$1,600.	1 forest examiner, \$1,900.	
1 scaler, \$1,500.	1 forest examiner, \$1,800.	
3 scalers, at \$1,400 each.	1 forest examiner, \$1,800 (4½ months).	
2 scalers, at \$1,300 each.	2 forest examiners, at \$1,700 each.	
6 scalers, at \$1,200 each.	4 forest examiners, at \$1,700 each (5½ months).	
72 clerks, at \$600 to \$1,600 each (1 to 9 months).	7 forest examiners, at \$1,600 each.	
1 ranger, \$1,500.	7 forest examiners, at \$1,600 each (6 months).	
2 rangers, at \$1,200 each.	10 forest examiners, at \$1,500 each.	
21 rangers, at \$4 per diem to \$1,500 per annum (2 to 10 months).	13 forest examiners, at \$1,500 each (6 months).	
295 assistant forest rangers, at \$900 to \$1,500 (3 to 8 months).	17 forest examiners, at \$1,400 each.	
1,774 guards, at \$2.50 per diem to \$1,800 per annum (1 to 7 months).	64 forest examiners, at \$1,400 each (5½ months).	
	1 forest examiner, \$1,300.	
	3 forest examiners, at \$1,300 each (8½ months).	
	1 forest examiner, at \$1,200.	
	1 surveyor, at \$5 per diem (3½ months).	
	2 surveyors, at \$1,500 each (2 months).	
	3 surveyor draftsmen, at \$1,200 each (3½ months).	
	1 timber cruiser, \$1,400 (8½ months).	
	3 forest assistants, at \$1,400 each (5½ months).	
	11 forest assistants, at \$1,200 each.	
	44 forest assistants, at \$1,200 each (3½ months).	
	11 forest assistants, at \$1,100 each.	
	85 forest assistants, at \$1,100 each (5 months).	
	1 forest assistant, \$1,000 (1 month).	
	1 forest planting assistant, \$1,000.	
	3 grazing assistants, at \$1,200 each (1 month).	
	2 scalers, at \$1,600 each (3½ months).	
	3 scalers, at \$1,500 each (3½ months).	
	3 scalers, at \$1,400 each (3 months).	
	2 scalers, at \$1,300 each (1½ months).	
	7 scalers, at \$1,200 each (2 months).	
	1 scaler, \$1,152 (5 months).	
	8 scalers, at \$1,140 each (4 months).	
	1 scaler, \$1,000 (3 months).	
	1 scaler, \$1,000 (1½ months).	
	4 scalers, at \$900 each (2½ months).	
	1 agent, \$1,100 (7 months).	
	2 reconnaissance draftsmen, at \$1,200 each (3½ months).	
	1 transitman, \$720 (2 months).	
	1 draftsman, \$1,200.	
	1 field assistant, \$1,080 (½ month).	
	22 field assistants, at \$900 each (2 months).	
	13 field assistants, at \$720 each (2½ months).	
	8 field assistants, at \$600 each (3 months).	
	6 forest rangers, at \$1,500 each (7 months).	
	1 forest ranger, \$1,400 (9½ months).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
National forests, 1916, \$1,312,778.	National forests, 1914, \$1,520,853.68.	
	Out of Washington—Continued.	
	3 forest rangers, at \$1,300 each (2½ months).	
	1 forest ranger, \$1,200.	
	9 forest rangers, at \$1,200 each (3 months).	
	1 forest ranger, at \$4 per diem (1 day).	
	1 assistant forest ranger, \$1,500 (7½ months).	
	4 assistant forest rangers, at \$1,200 each (4½ months).	
	288 assistant forest rangers, at \$1,100 each (3 months).	
	2 assistant forest rangers, at \$900 each (6½ months).	
	1 forest guard, \$1,800 (3 months).	
	3 forest guards, at \$1,300 each (2 months).	
	18 forest guards, at \$1,200 each (5½ months).	
	43 forest guards, at \$1,100 each (3½ months).	
	9 forest guards, at \$1,080 each (3 months).	
	2 forest guards, at \$1,020 each (4 months).	
	39 forest guards, at \$1,000 each (2½ months).	
	15 forest guards, at \$960 each (2 months).	
	1 forest guard, \$900.	
	1,533 forest guards, at \$900 each (3 months).	
	3 forest guards, at \$840 each (2 months).	
	1 forest guard, \$800 (3½ months).	
	29 forest guards, at \$780 each (2½ months).	
	107 forest guards, at \$720 each (2½ months).	
	1 forest guard, \$600.	
	16 forest guards, at \$600 each (3¾ months).	
	2 forest guards, at \$540 each (5¾ months).	
	7 forest guards, at \$480 each (2½ months).	
	2 forest guards, at \$450 each (1½ months).	
	5 forest guards, at \$420 each (3 months).	
	2 forest guards, at \$360 each (4 months).	
	1 forest guard, \$300 (4½ months).	
	1 forest guard, \$240 (3 months).	
	2 forest guards, at \$60 each (2 months).	
	50 forest guards, at \$12 each (2½ months).	
	2 forest guards, at \$1 each (7 months).	
	2 forest guards, at \$3.60 per diem each (2 months).	
	1 forest guard, at \$3.50 per diem (2 months).	
	7 forest guards, at \$3 per diem each (½ month).	
	1 forest guard, at \$2.50 per diem (½ month).	
	1 forest guard hunter, \$360 (2 months).	
	2 clerks, at \$1,600 each (6 months).	
	1 clerk, \$1,500 (½ month).	
	1 clerk, \$1,400.	
	2 clerks, at \$1,400 each (1½ months).	
	1 clerk, \$1,320 (9 months).	
	7 clerks, at \$1,200 each.	
	31 clerks, at \$1,200 each (7 months).	
	7 clerks, at \$1,100 each.	
	22 clerks, at \$1,100 each (7 months).	
	1 clerk, \$1,000 (1 month).	
	4 clerks, at \$900 each.	
	60 clerks, at \$900 each (3 months).	
	1 clerk, \$780 (6 months).	
	5 clerks, at \$720 each (2 months).	
	1 clerk, \$600 (2 months).	
	2 clerks, at \$25 per month (8 months).	
	1 clerk, \$1,020 (6 months).	
	1 map colorist, \$900 (1 month).	
	1 telephone operator, \$900 (3 months).	
	1 telephone operator, \$600 (1 month).	
	3 telephone operators, at \$480 each (1½ months).	
	1 telephone operator, \$360 (3 months).	
	1 telephone operator, \$300.	
	4 telephone operators, at \$300 each (1½ months).	
	6 telephone operators, at \$240 each (1½ months).	
	1 telephone operator, \$180.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
National forests, 1916, \$1,312,778.	National forests, 1914, \$1,520,853.68.		
	Out of Washington—Continued.		
	4 telephone operators, at \$180 each (2½ months).		
	2 telephone operators, at \$120 each (3 months).		
	3 telephone operators, at \$60 each.		
	2 unskilled laborers, at \$900 each (6 months).		
	2 unskilled laborers, at \$600 each.		
	5 unskilled laborers, at \$600 each (6½ months).		
	3 unskilled laborers, at \$480 each (6½ months).		
	6 unskilled laborers, at \$180 each (6 months).		
	3 unskilled laborers, at \$120 each (8 months).		
	2 unskilled laborers, at \$96 each (6 months).		
	1 unskilled laborer, \$84 (10 months).		
	1 unskilled laborer, \$60 (3 months).		
	1 unskilled laborer, at \$18 per month (3 months).		
	1 charwoman, \$180 (8 months).		
Traveling expenses.....	Traveling expenses.....	\$154,806.00	\$158,165.41
Supplies and equipment.....	Supplies and equipment.....	43,703.00	157,002.81
Miscellaneous expenses.....	Miscellaneous expenses.....	254,835.00	373,026.64
Total estimate, 1916.....	Total expenditures, 1914.....	1,312,778.00	1,519,029.25
Total appropriation, 1915.....		1,423,102.00	
Decrease.....		110,324.00	
Agricultural land classification, 1916, \$100,000.	Agricultural land classification, 1914, \$64,356.32.		
Salaries.....	Salaries.....	\$34,000.00	\$20,934.82
As follows:	As follows:		
In Washington—	In Washington—		
1 photographer, \$1,100.	None.		
Out of Washington—	Out of Washington—		
14 forest examiners, at \$1,300 to \$2,000 each (4 months).	1 forest examiner, \$2,000.		
4 national forest examiners, at \$1,500 to \$1,900 each (7 months).	2 forest examiners, at \$1,500 each (5½ months).		
2 surveyors, at \$900 to \$1,500 each (10 months).	8 forest examiners, at \$1,400 each (3 months).		
9 forest assistants, at \$1,100 to \$1,200 each (6 months).	3 forest examiners, at \$1,300 each (1½ months).		
29 field assistants, at \$600 to \$900 each (6 months).	1 national forest examiner, \$1,900 (10 months).		
2 map colorists, at \$900 each (1 month).	1 national forest examiner, \$1,700 (6 months).		
1 forest ranger, \$1,300 (1 month).	1 national forest examiner, \$1,600 (1 month).		
5 assistant forest rangers, at \$1,100 each (6 months).	1 national forest examiner, \$1,500.		
7 forest guards, at \$900 each (4 months).	1 surveyor, \$1,500 (6 months).		
1 clerk, at \$3 per diem (11 days).	1 surveyor, \$900 (5 months).		
	2 forest assistants, at \$1,200 each (3½ months).		
	7 forest assistants, at \$1,100 each (3 months).		
	4 field assistants, at \$900 each (4 months).		
	25 field assistants, at \$600 each (1 month).		
	2 map colorists, at \$900 each (2 months).		
	1 forest ranger, \$1,300 (1 month).		
	5 assistant forest rangers, at \$1,100 each (5½ months).		
	7 forest guards, at \$900 each (2 months).		
	1 clerk, at \$3 per diem (20 days).		
Traveling expenses.....	Traveling expenses.....	29,000.00	19,307.22
Supplies and equipment.....	Supplies and equipment.....	4,000.00	2,553.41
Miscellaneous expenses.....	Miscellaneous expenses.....	33,000.00	18,394.84
Total estimate, 1916.....	Total expenditures, 1914.....	100,000.00	61,190.29
Total appropriation, 1915.....		98,050.00	
Increase.....		1,950.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Survey, etc., lands, 1916, \$85,000.		Survey, etc., lands, 1914, \$53,558.96.	
Salaries.....	\$34,000.00	Salaries.....	\$21,843.78
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 land examiner, \$1,800.		1 land examiner, \$1,800 (8 months).	
2 national forest examiners, \$1,600 to \$1,900 (8 months).		1 national forest examiner, \$1,900 (1½ months).	
18 surveyors, \$1,200 to \$1,600 (10 months).		1 national forest examiner, \$1,600 (10½ months).	
6 draftsmen, at \$900 to \$1,400 (6 months).		1 surveyor, \$1,600 (1½ months).	
1 civil engineer and draftsman, \$1,400 (2 months).		2 surveyors, at \$1,500 each.	
1 forest assistant, \$1,200.		3 surveyors, at \$1,500 each (10 months).	
10 field assistants, \$600 to \$900 (3 months).		1 surveyor, \$1,400.	
2 assistant forest rangers, at \$1,100 each (3 months).		1 surveyor, \$1,400 (8 months).	
6 forest guards, \$780 to \$900 (3 months).		5 surveyors, at \$1,200 each (6 months).	
		2 surveyor draftsmen, at \$1,200 each (9 months).	
		1 civil engineer and draftsman, \$1,400 (1 month).	
		1 draftsman, \$1,400 (5 months).	
		2 draftsmen, at \$900 each (1 month).	
		1 forest assistant, \$1,200 (9 months).	
		2 field assistants, at \$900 each (2 months).	
		6 field assistants, at \$600 each (2½ months).	
		1 clerk, \$900 (½ month).	
		2 assistant forest rangers, at \$1,100 each (2 months).	
		2 forest guards, at \$900 each (4½ months).	
		4 forest guards, at \$780 each (2½ months).	
Traveling expenses.....	25,500.00	Traveling expenses.....	15,451.68
Supplies and equipment.....	1,750.00	Supplies and equipment.....	1,083.22
Miscellaneous expenses.....	23,750.00	Miscellaneous expenses.....	15,180.28
Total estimate, 1916.....	85,000.00	Total expenditures, 1914.....	53,558.96
Total appropriation, 1915.....	94,962.24		
Decrease.....	9,962.24		
Fighting forest fires, 1916, \$150,000.		Fighting forest fires, 1914, \$149,780.	
Salaries.....	\$23,000.00	Salaries.....	\$22,473.78
As follows:		As follows:	
Out of Washington—		Out of Washington—	
25 assistant forest rangers, at \$1,100 each (1 month).		1 forest ranger, at \$4 per diem (1 day).	
175 forest guards, \$600 to \$1,800 (1½ months).		25 assistant forest rangers, at \$1,100 each (1 month).	
6 telephone operators, \$90 to \$360 (1 month).		1 forest guard, \$1,800 (2 months).	
		1 forest guard, \$1,300 (1 month).	
		3 forest guards, at \$1,100 each (2½ months).	
		2 forest guards, at \$1,080 each (1 month).	
		10 forest guards, at \$1,000 each (2½ months).	
		12 forest guards, at \$960 each (1 month).	
		100 forest guards, at \$900 each (1½ months).	
		1 forest guard, \$840 (1½ months).	
		2 forest guards, at \$780 each (1½ months).	
		15 forest guards, at \$720 each (2 months).	
		2 forest guards, at \$660 each (1 month).	
		1 forest guard, \$60 (2½ months).	
		1 forest guard, \$12 (4 months).	
		7 forest guards, at \$3 per diem (2 days).	
		5 forest guards, at \$2.50 per diem (2 days).	
		10 forest guards, at 35 cents per hour (28 hours).	
		1 telephone operator, \$360 (1 month).	
		2 telephone operators, at \$180 each (2 months).	
		2 telephone operators, at \$120 each (1 month).	
		1 telephone operator, \$90 (1 month).	
Traveling expenses.....	5,800.00	Traveling expenses.....	5,859.74
Supplies and equipment.....	6,200.00	Supplies and equipment.....	6,127.27
Miscellaneous expenses.....	115,000.00	Miscellaneous expenses.....	108,343.92
Total estimate, 1916.....	150,000.00	Total expenditures, 1914.....	142,804.71
Total appropriation, 1915.....	150,000.00		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p align="center">Maintenance and supplies, 1916, \$152,000.</p> <p>Salaries..... \$3,995. 00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 blue printer, \$720.</p> <p>2 minor clerks, \$700 and \$900.</p> <p>Out of Washington—</p> <p>1 compositor, \$1,600.</p> <p>1 clerk, \$900 (1 month).</p> <p>Traveling expenses..... 1,000. 00</p> <p>Supplies and equipment..... 130,900. 00</p> <p>Miscellaneous expenses..... 16,105. 00</p> <p>Total estimate, 1916..... 152,000. 00</p> <p>Total appropriation, 1915..... 156,100. 00</p> <p>Decrease..... 4,100. 00</p>	<p align="center">Maintenance and supplies, 1914, \$174,882.76.</p> <p>Salaries..... \$3,145. 83</p> <p>As follows:</p> <p>In Washington—</p> <p>1 minor clerk, \$900 (10½ months).</p> <p>1 minor clerk, \$700 (11½ months).</p> <p>Out of Washington—</p> <p>1 compositor, \$1,600.</p> <p>1 clerk, \$900 (1 month).</p> <p>Traveling expenses..... 1,092. 40</p> <p>Supplies and equipment..... 152,296. 17</p> <p>Miscellaneous expenses..... 18,279. 95</p> <p>Total expenditures, 1914..... 174,814. 35</p>	
<p align="center">Forest products, 1916, \$140,000.</p> <p>Salaries..... \$90,160. 00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 engineer in forest products, \$2,600.</p> <p>4 statisticians in forest products, \$1,500 to \$1,800.</p> <p>2 forest examiners, at \$1,400 and \$1,900.</p> <p>1 forest assistant, \$1,100.</p> <p>Out of Washington—</p> <p>1 director, forest products laboratory, \$3,200.</p> <p>1 paper and pulp engineer, \$3,500.</p> <p>1 chief, section of derived products, \$3,500.</p> <p>12 engineers in forest products, \$1,600 to \$2,500.</p> <p>9 assistant engineers in forest products, \$900 to \$1,700.</p> <p>1 paper maker, \$1,000.</p> <p>4 chemists, at \$1,800 to \$2,000.</p> <p>5 assistant chemists, \$1,200 to \$1,600.</p> <p>4 laboratory aids and engineers, \$800 to \$900.</p> <p>1 microscopist, \$1,700.</p> <p>1 xylotomist, \$1,500.</p> <p>1 assistant xylotomist, \$900.</p> <p>1 assistant physicist, \$1,200.</p> <p>2 carpenters, \$1,000 and \$1,200.</p> <p>1 laboratory assistant, \$800.</p> <p>1 minor clerk, \$600.</p> <p>3 laborers, at \$720 each.</p>	<p align="center">Forest products, 1914, \$143,997.50.</p> <p>Salaries..... \$99,983. 91</p> <p>As follows:</p> <p>In Washington—</p> <p>1 engineer in forest products, \$2,400.</p> <p>1 forest examiner, \$1,700 (3½ months).</p> <p>1 scientific assistant in wood structure, \$1,600 (6 months).</p> <p>1 statistician in forest products, \$1,900.</p> <p>1 statistician in forest products, \$1,600.</p> <p>1 statistician in forest products, \$1,400.</p> <p>1 forest assistant, \$1,200.</p> <p>2 computing clerks, at \$720 each (2 months).</p> <p>1 expert, at \$6.67 per diem (90 days).</p> <p>1 collaborator, \$300 (8 months).</p> <p>Out of Washington—</p> <p>1 director, forest products laboratory, \$3,000 (½ months).</p> <p>1 director, forest products laboratory, \$2,800 (6½ months).</p> <p>1 assistant district forester, \$2,600.</p> <p>2 engineers in forest products, at \$2,500 each (5½ months).</p> <p>1 engineer in forest products, at \$6.39 per diem (7 days).</p> <p>1 engineer in forest products, at \$5.83 per diem (6 days).</p> <p>2 engineers in forest products, at \$2,300 each (5 months).</p> <p>2 engineers in forest products, at \$2,200 each (6½ months).</p> <p>1 engineer in forest products, \$2,100 (5 months).</p> <p>4 engineers in forest products, at \$2,000 each (7 months).</p> <p>1 engineer in forest products, \$1,900.</p> <p>1 engineer in forest products, \$1,800.</p> <p>3 engineers in forest products, at \$1,800 each (5 months).</p> <p>1 engineer in forest products, \$1,700.</p> <p>2 engineers in forest products, at \$1,700 each (5 months).</p> <p>1 engineer in forest products, \$1,690.</p> <p>1 engineer in forest products, \$1,500 (10 months).</p> <p>3 assistant engineers in forest products, at \$1,700 each (8 months).</p> <p>1 assistant engineer in forest products, \$1,500.</p> <p>1 assistant engineer in forest products, \$1,500 (11 months).</p> <p>1 assistant engineer in forest products, \$1,400 (3 months).</p> <p>2 assistant engineers in forest products, at \$1,200 each.</p> <p>3 assistant engineers in forest products, at \$1,200 each (8 months).</p> <p>2 assistant engineers in forest products, at \$900 each (4½ months).</p> <p>1 lumber inspector, \$1,500 (1 month).</p> <p>1 lumber grader, \$1,800 (2½ months).</p> <p>2 lumber graders, at \$1,500 each (1 month).</p> <p>1 chemical engineer in forest products, \$1,600 (6½ months).</p> <p>1 chemist in forest products, \$2,000.</p> <p>1 chemist in forest products, \$1,800.</p> <p>2 chemists in forest products, at \$1,600 each (11½ months).</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Forest products, 1916, \$140,000.	Forest products, 1914, \$143,997.50.		
	Out of Washington—Continued.		
	1 assistant chemist in forest products, \$1,500 (5½ months).		
	1 assistant chemist in forest products, \$1,400.		
	1 assistant chemist in forest products, \$1,400 (6½ months).		
	2 assistant chemists in forest products, at \$1,200 each.		
	4 assistant chemists in forest products, at \$1,200 each (4½ months).		
	1 chemist assistant, \$900 (2½ months).		
	2 engineers in wood preservation, at \$1,500 each (4 months).		
	1 civil engineer, at \$11 per diem (4½ months.)		
	1 pulp and paper engineer, \$3,500 (6 months).		
	1 paper maker, \$1,000.		
	6 laboratory aids and engineers, at \$900 each (5 months).		
	1 laboratory aid and engineer, \$800 (8 months).		
	1 laboratory aid and engineer, at \$2.50 per diem (1 month).		
	1 laboratory assistant, \$900.		
	2 laboratory assistants, at \$800 each (3 months).		
	1 junior aid, \$720 (½ month).		
	1 collaborator, at \$5.28 per diem (½ month).		
	2 forest examiners, at \$2,000 each.		
	1 forest examiner, \$1,800 (2½ months).		
	1 forest examiner, \$1,700 (1 month).		
	2 statisticians in forest products, at \$1,600 each (6 months).		
	1 statistician in forest products, \$1,500 (8½ months).		
	1 assistant physicist, \$1,200 (9½ months).		
	1 xytomist, \$1,300 (6 months).		
	1 assistant xytomist, \$900 (3½ months).		
	2 experts, at \$10 per diem (1 month).		
	1 microscopist, \$1,700 (5½ months).		
	1 microscopist, \$1,400 (6 months).		
	1 mechanical draftsman, \$1,200.		
	4 stenographers and typewriters, at \$900 each (2½ months).		
	1 typewriter, \$900 (1 month).		
	2 clerks (computers), at \$900 each (3 months).		
	1 computing clerk, \$900 (1½ months).		
	2 minor clerks, at \$600 each (6 months).		
	1 sawyer-carpenter, \$1,000 (10 months).		
	1 skilled laborer (pipe fitter and mechanical helper), \$900 (2 months).		
	1 skilled laborer (finisher), \$900 (2½ months).		
	2 unskilled laborers, at \$900 each (5½ months).		
	3 unskilled laborers, at \$720 each.		
	4 unskilled laborers, at \$720 each (1½ months).		
	1 unskilled laborer, \$600 (2½ months).		
	1 unskilled laborer, \$480 (6½ months).		
	5 unskilled laborers, at \$2 per diem (2 months).		
	2 unskilled laborers, at 30 cents per hour (18 hours).		
Traveling expenses.....	\$12,000.00	Traveling expenses.....	\$15,107.74
Supplies and equipment.....	34,840.00	Supplies and equipment.....	24,249.68
Miscellaneous expenses.....	3,000.00	Miscellaneous expenses.....	3,095.72
Total estimate, 1916.....	140,000.00	Total expenditures, 1914.....	142,437.05
Total appropriation, 1916.....	141,193.00		
Decrease.....	1,193.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
National forest range investigations, 1916, \$25,000.		National forest range investigations, 1914, \$25,000.	
Salaries.....	\$16,500.00	Salaries.....	\$16,118.11
As follows:		As follows:	
In Washington—		In Washington—	
1 inspector of grazing, \$2,700.		1 inspector of grazing, \$2,600.	
1 consulting botanist, \$1,800 (6 months).		1 consulting botanist, \$1,800 (8½ months).	
1 assistant botanist, \$1,620.		1 assistant botanist, \$1,500.	
1 plant ecologist, \$1,600 (6 months).		1 plant ecologist, \$1,500 (9 months).	
1 grazing examiner, \$1,700.		1 assistant in systematic agrostology, \$1,500 (¼ month).	
1 grazing assistant, \$1,400 (6 months).		2 grazing assistants, at \$1,000 each (5 months).	
		1 stenographer and typewriter, \$840 (1½ months).	
		1 typewriter, \$720 (4½ months).	
Out of Washington—		Out of Washington—	
1 forest examiner, \$2,200 (6 months).		1 forest examiner, \$2,200 (1 month).	
1 plant ecologist, \$2,000 (9 months).		1 plant ecologist, \$2,000 (8½ months).	
4 grazing examiners, \$1,400 to \$1,500.		3 grazing examiners, at \$1,500 each.	
1 field assistant, \$900 (1 month).		1 grazing examiner, \$1,400.	
2 forest guards, \$720 and \$900 (1 month).		1 field assistant, \$900 (1 month).	
		1 forest guard, \$900 (1½ months).	
		1 forest guard, \$720 (¾ month).	
Traveling expenses.....	5,000.00	Traveling expenses.....	4,974.83
Supplies and equipment.....	900.00	Supplies and equipment.....	875.71
Miscellaneous expenses.....	2,600.00	Miscellaneous expenses.....	2,794.07
Total estimate, 1916.....	25,000.00	Total expenditures, 1914.....	24,762.72
Total appropriation, 1915.....	24,900.00		
Increase.....	100.00		
National forest planting, 1916, \$165,640.		Silviculture, national forests, 1914, \$165,625.	
Salaries.....	\$18,650.00	Salaries.....	\$18,647.44
As follows:		As follows:	
Out of Washington—		Out of Washington—	
9 forest examiners, \$1,400 to \$2,200 (9 months).		1 forest examiner, \$2,200.	
1 forest planting assistant, \$1,300.		1 forest examiner, \$2,000.	
2 planting assistants, \$1,200 and \$1,400 (6 months).		2 forest examiners, at \$1,800 each (9 months).	
2 forest assistants, at \$1,200 each (6 months).		1 forest examiner, \$1,600.	
3 assistant forest rangers, at \$1,100 each (1 month).		3 forest examiners, at \$1,500 each (7½ months).	
9 forest guards, \$720 to \$900 (2 months).		1 forest examiner, \$1,400 (1 month).	
4 field assistants, at \$900 each (3 months).		1 forest planting assistant, \$1,300.	
4 unskilled laborers, \$360 to \$480 (6 months).		1 planting assistant, \$1,400.	
1 collaborator, \$12.		1 planting assistant, \$1,200 (2 months).	
		2 forest assistants, at \$1,200 each (6 months).	
		3 assistant forest rangers, at \$1,100 each (1 month).	
		7 forest guards, at \$900 each (2 months).	
		1 forest guard, \$750 (3½ months).	
		1 forest guard, \$720 (1 month).	
		4 field assistants, at \$900 each (2½ months).	
		1 unskilled laborer, \$480 (10 months).	
		1 unskilled laborer, \$420 (2 months).	
		2 unskilled laborers, at \$360 each (3 months).	
		1 collaborator, \$12.	
Traveling expenses.....	8,900.00	Traveling expenses.....	8,939.08
Supplies and equipment.....	25,000.00	Supplies and equipment.....	25,095.49
Miscellaneous expenses.....	113,090.00	Miscellaneous expenses.....	112,605.30
Total estimate, 1916.....	165,640.00	Total expenditures, 1914.....	165,287.31
Total appropriation, 1915.....	164,675.00		
Increase.....	965.00		
Forest reconnaissance, 1916, \$60,000.		No appropriation for 1914.	
Salaries.....	\$44,500.00		
As follows:			
Out of Washington—			
4 forest examiners, at \$1,600 each.			
4 forest assistants, at \$1,500 each.			
3 grazing examiners, at \$1,400 each.			
3 scalers, at \$1,400 each.			
4 plant ecologists, at \$1,200 each.			
70 field assistants, at \$600 each.			
Traveling expenses.....	6,000.00		
Supplies and equipment.....	1,500.00		
Miscellaneous expenses.....	8,000.00		
Total estimate, 1916.....	60,000.00		
NOTE.—No appropriation for 1915. Included in national forest subappropriations.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>			
<i>Statements submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Silvical investigations, 1916, \$83,728.	Management of forests, 1914, \$82,825.51.		
Salaries..... \$57,000.00	Salaries..... \$56,935.71		
As follows:	As follows:		
In Washington—	In Washington—		
1 forest inspector, \$3,000.	1 assistant forester, \$3,000.		
1 forest examiner, \$2,200.	1 forest inspector, \$3,000 (2 months).		
1 forest examiner, \$2,100.	1 chief, office of silvics, \$2,800.		
1 forest examiner, \$2,000.	1 assistant chief, office of silvics, \$2,400.		
1 forest examiner, \$1,800.	1 chief, office of State cooperation, \$2,400 (11 months).		
1 forest examiner, \$1,700.	1 chief, office of State cooperation, at \$7 per diem (1 month).		
1 forest examiner, \$1,400.	4 forest examiners, at \$2,000 each (11 months).		
1 chief, office of State cooperation, \$2,600.	1 forest examiner, \$1,800.		
1 assistant forester, \$3,000.	1 forest examiner, \$1,700.		
1 scientific assistant, basket willow culture, \$1,700.	1 forest examiner, \$1,600.		
1 scientific assistant, forest distribution, \$1,600.	1 forest examiner, \$1,400.		
1 clerk, \$1,400.	1 national forest examiner, at \$6 per diem (2½ months).		
	1 scientific assistant in basket-willow culture, \$1,700.		
	1 scientific assistant in wood structure, \$1,600 (6 months).		
	1 scientific assistant in forest distribution, \$1,500 (6 months).		
	1 forest assistant, \$1,200 (5 months).		
	1 forest assistant, at \$4.50 per diem (1 month).		
	1 clerk (translator), \$1,400.		
	1 clerk, \$960 (2½ months).		
	1 xylotomist, \$1,300 (6 months).		
	1 field assistant, \$600 (3½ months).		
	1 field assistant, \$300 (2 months).		
Out of Washington—	Out of Washington—		
11 forest examiners, at \$1,400 to \$2,200 (6 months).	2 forest examiners, at \$2,200 each.		
8 forest assistants, at \$1,200 to \$1,300 (4 months).	1 forest examiner, \$2,000.		
1 clerk, \$1,100 (2 months).	2 forest examiners, at \$1,800 each.		
6 forest guards, \$720 to \$900 (9 months).	1 forest examiner, \$1,700 (11½ months).		
10 field assistants, \$600 to \$1,000 (10 months).	2 forest examiners, at \$1,600 each (9 months).		
3 unskilled laborers, at \$480 each (6 months).	2 forest examiners, at \$1,500 each (2½ months).		
	1 forest examiner, \$1,400.		
	3 forest assistants, at \$1,200 each.		
	1 forest assistant, \$1,300 (1 month).		
	2 forest assistants, at \$1,200 each (10½ months).		
	3 forest assistants, at \$1,100 each (1½ months).		
	1 forest assistant, \$12.		
	1 assistant clerk, \$1,100 (1 month).		
	2 assistant guards, at \$900 each (5 months).		
	1 field assistant, \$1,000 (6½ months).		
	6 field assistants, at \$900 each (1½ months).		
	1 field assistant, \$780 (1 month).		
	1 field assistant, \$720 (1 month).		
	1 field assistant, \$600 (¼ month).		
	3 unskilled laborers, at \$480 each (5 months).		
	3 forest guards, at \$900 each (½ month).		
	1 forest guard, \$720 (1 month).		
Traveling expenses..... 11,000.00	Traveling expenses..... 11,530.27		
Supplies and equipment..... 3,500.00	Supplies and equipment..... 3,469.68		
Miscellaneous expenses..... 12,228.00	Miscellaneous expenses..... 10,561.73		
Total estimate, 1916..... 83,728.00	Total expenditures, 1914..... 82,497.39		
Total appropriation, 1915..... 83,500.00			
Increase..... 228.00			



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Forest Service—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Miscellaneous forest investigations, 1916, \$40,160.	Market and miscellaneous investigations, 1914, \$37,177.04.	
Salaries..... \$27,450.00	Salaries..... \$25,055.56	
As follows: In Washington— 1 editor, \$3,200. 1 chief of geography, \$2,200. 1 forest examiner, chief of publications, \$2,200. 2 forest examiners, \$1,700 to \$2,400. 1 assistant in forest education, \$1,800. 1 statistician, \$1,600. 1 lithographer-map engraver, \$1,600. 1 civil engineer, \$2,000. 3 draftsmen, \$1,000 to \$1,500. 1 artist, \$1,200. 1 proof reader, \$1,400. 1 negative cutter, \$1,200. 1 clerk, \$1,200.	As follows: In Washington— 1 editor, \$3,200 (11½ months). 1 geographer, \$2,800 (1½ months). 1 chief of geography, \$2,200 (5½ months). 1 forest examiner, chief of publications, \$2,200. 1 forest examiner, \$2,100. 1 forest examiner, \$1,800 (5½ months). 1 forest examiner, \$1,700 (11½ months). 1 assistant in forest education, \$1,800. 1 statistician, \$1,600. 1 lithographer-map engraver, \$1,600. 1 civil engineer, \$2,000. 1 draftsman-copyist topographer, \$1,500 (2½ months). 1 topographic draftsman, \$1,200. 1 copyist-topographic draftsman, \$1,000. 1 negative cutter, \$1,200. 1 artist, \$1,200. 1 photographer, \$1,200 (6 months). 1 wet and dry plate photographer, \$1,100 (¾ month). 1 assistant forest ranger, \$1,100 (6½ months). 1 clerk, \$1,200 (6½ months). 1 minor clerk, \$780 (2½ months).	
Traveling expenses..... 1,800.00	Traveling expenses..... 1,815.49	
Supplies and equipment..... 10,910.00	Supplies and equipment..... 10,008.92	
Miscellaneous expenses.....	Miscellaneous expenses.....	
Total estimate, 1916..... 40,160.00	Total expenditures, 1914..... 36,879.97	
Total appropriation, 1915..... 40,160.00		
Improvement of the national forests, 1916, \$400,000.	Improvement of the national forests, 1914, \$360,300.	
Salaries..... \$9,300.00	Salaries..... \$9,379.37	
As follows: Out of Washington— 1 superintendent of telephone construction, \$1,800. 3 national forest examiners, \$1,500 to \$1,700 (6 months). 2 assistant forest rangers, \$1,000 to \$1,100 (1 month). 70 forest guards, \$720 to \$1,100 (1 month).	As follows: Out of Washington— 1 superintendent of telephone construction, \$1,800. 1 national forest examiner, \$1,700 (8 months). 1 national forest examiner, \$1,600. 1 national forest examiner, \$1,500 (1 month). 1 assistant forest ranger, \$1,100 (¾ month). 1 assistant forest ranger, \$1,000 (¾ month). 1 forest guard, \$1,100 (1 month). 1 forest guard, \$1,000 (¾ month). 61 forest guards, at \$900 each (1½ month). 8 forest guards, at \$720 each (¾ month).	
Traveling expenses..... 7,500.00	Traveling expenses..... 7,525.08	
Supplies and equipment..... 125,000.00	Supplies and equipment..... 122,950.01	
Miscellaneous expenses..... 258,200.00	Miscellaneous expenses..... 219,318.57	
Total estimate, 1916..... 400,000.00	Total expenditures, 1914..... 359,173.03	
Total appropriation, 1915..... 390,000.00		
Increase..... 10,000.00		
CONSTRUCTION WORK.	CONSTRUCTION WORK.	
The records in the Forest Service show the average unit cost of construction (including maintenance) work now on the national forests to be approximately as follows:	This appropriation was expended for construction and maintenance work approximately as follows:	
Roads.....per mile.. \$192 Trails.....do.... 53 Telephone lines.....do.... 53 Fire breaks.....do.... 46 Fences.....do.... 157 Bridges.....each.. 218 Cabins.....do.... 398 Other buildings.....do.... 124 Corrals.....do.... 64 Miscellaneous—lookouts, water development, etc., each..... 87	200 miles roads on national forests..... \$11,075.53 2,144 miles trails on national forests..... 52,164.90 3,063 miles telephonelines on national forests..... 108,499.93 775 miles fire breaks on national forests..... 2,281.49 316 miles fences on national forests..... 25,146.21 146 cabins on national forests..... 57,577.43 315 other buildings on national forests..... 19,667.00 80 bridges on national forests..... 6,652.51 19 corrals on national forests..... 1,099.99 293 miscellaneous items, such as lookout towers, water developments, etc., on national forests..... 21,556.93 General supervision and engineering of improvement work on national forests..... 53,451.11 Total..... 359,173.03	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p align="center">General administration, 1916, \$498,370.</p> <p>Salaries..... \$342,225.00</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 associate forester, \$4,000.</p> <p> 3 assistant foresters, at \$3,750 each.</p> <p> 1 assistant forester, \$3,200.</p> <p> 1 general inspector, \$3,000.</p> <p> 1 forest inspector, \$3,000.</p> <p> 1 forest inspector, \$2,800.</p> <p> 1 forester inspector, \$2,700.</p> <p> 2 forest inspectors, at \$2,500 each.</p> <p> 1 chief engineer, \$3,750.</p> <p> 1 assistant chief engineer, \$2,900.</p> <p> 1 junior engineer, \$1,400.</p> <p> 1 chief of claims, \$2,400.</p> <p> 1 national forest examiner, \$1,800.</p> <p> 1 forest examiner, \$2,200.</p> <p> 1 forest examiner, \$2,100.</p> <p> 1 forest examiner, \$1,600.</p> <p> 8 forest examiners, at \$1,500 each.</p> <p> 2 clerks, at \$1,600 each.</p> <p> 1 clerk, \$1,400.</p> <p> 2 clerks, at \$1,200 each.</p> <p> 1 clerk, \$1,100.</p> <p> 2 clerks, at \$840 each (6 months).</p> <p> 1 clerk, \$900.</p> <p> 1 clerk, \$700.</p> <p> 1 examiner of land deeds, \$1,200.</p> <p> 1 attorney in charge of forest appeals, \$3,000.</p> <p> 1 assistant district forester, \$3,000.</p> <p> 1 assistant district forester, \$2,300.</p> <p> 1 expert lumberman, \$1,500.</p> <p> 1 inspector of grazing, \$3,000.</p> <p> 1 logging engineer, \$2,800.</p> <p> 1 chief of forest investigations, \$3,000.</p> <p> 1 assistant chief of forest investigations, \$2,600.</p> <p> 1 forest assistant, \$1,200.</p> <p> 1 tinner's helper, \$720.</p> <p> 1 unskilled laborer, \$720.</p> <p> Out of Washington—</p> <p> 1 district forester, \$3,500.</p> <p> 4 district foresters, at \$3,200 each.</p> <p> 1 district forester, \$3,000.</p> <p> 2 assistant district foresters, at \$2,800 each.</p> <p> 16 assistant district foresters, at \$2,700 each.</p> <p> 4 assistant district foresters, at \$2,600 each.</p> <p> 3 assistant district foresters, at \$2,500 each.</p> <p> 1 assistant district forester, \$2,300.</p> <p> 4 lumbermen, at \$2,000 each.</p> <p> 1 lumberman, \$1,900.</p> <p> 1 lumberman, \$1,800.</p> <p> 1 hydroelectrical engineer, \$2,700.</p> <p> 1 hydroelectrical engineer, \$2,600.</p> <p> 3 hydroelectrical engineers, at \$2,400 each.</p> <p> 1 logging engineer, \$2,800.</p> <p> 1 logging engineer, \$2,600.</p> <p> 1 logging engineer, \$2,500.</p> <p> 3 logging engineers, at \$2,400 each.</p> <p> 2 civil engineers, at \$2,000 each.</p> <p> 1 civil engineer, \$1,500.</p> <p> 1 topographer, \$1,800.</p> <p> 1 junior engineer, \$1,400.</p> <p> 1 forest examiner, \$2,400.</p> <p> 1 forest examiner, \$2,000.</p> <p> 1 forest examiner, \$1,900.</p> <p> 4 forest examiners, at \$1,800 each.</p> <p> 1 forest examiner, \$1,700.</p> <p> 1 forest examiner, \$1,600.</p> <p> 5 forest examiners, at \$1,500 each.</p> <p> 2 forest examiners, at \$1,400 each.</p> <p> 2 national forest examiners, at \$2,000 each.</p> <p> 3 national forest examiners, at \$1,900 each.</p> <p> 2 national forest examiners, at \$1,600 each.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Forest Service—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
General administration, 1916, \$498,370.	General administration, 1914, \$401,825.49.		
<p>Out of Washington—Continued.</p> <p>13 national forest examiners, at \$1,500 each.</p> <p>1 national forest examiner, \$1,400.</p> <p>1 national forest examiner, \$1,300.</p> <p>3 scalers, at \$1,800 each.</p> <p>1 scaler, \$1,400.</p> <p>1 scaler, \$1,000.</p> <p>1 mineral examiner, \$2,200.</p> <p>1 mineral examiner, \$2,100.</p> <p>1 mineral examiner, \$1,800.</p> <p>1 expert miner, \$2,000.</p> <p>1 expert miner, \$1,800.</p> <p>1 claim examiner, \$1,400.</p> <p>1 claim examiner, \$1,100.</p> <p>3 grazing examiners, at \$1,600 each.</p> <p>1 grazing examiner, \$1,600.</p> <p>2 draftsmen, at \$1,400 each.</p> <p>2 draftsmen, at \$900 each.</p> <p>1 map colorist, \$720.</p> <p>1 forest assistant, \$1,200.</p> <p>16 clerks (temporary, at \$900 to \$1,200 each).</p> <p>1 blue printer, \$720.</p> <p>1 janitor, \$600.</p> <p>1 laborer, \$540.</p> <p>1 laborer, \$480.</p>	<p>Out of Washington—Continued.</p> <p>1 surveyor draftsman, \$1,200 (3½ months).</p> <p>1 topographic draftsman, \$1,320 (¼ month).</p> <p>1 draftsman, \$1,400.</p> <p>1 draftsman, \$1,200 (1 month).</p> <p>1 draftsman, \$1,000.</p> <p>1 draftsman, \$900 (3 months).</p> <p>1 copyist topographic draftsman, \$900 (2½ months).</p> <p>1 statistician in forest products, \$2,200.</p> <p>1 forest examiner, \$2,200.</p> <p>2 forest examiners, at \$1,800 each.</p> <p>1 forest examiner, \$1,800 (11 months).</p> <p>1 forest examiner, \$1,700.</p> <p>1 forest examiner, \$1,700 (9 months).</p> <p>2 forest examiners, at \$1,600 each.</p> <p>3 forest examiners, at \$1,500 each (4 months).</p> <p>4 forest examiners, at \$1,400 each (4½ months).</p> <p>1 national forest examiner, \$1,500 (11 months).</p> <p>1 national forest examiner, \$1,600.</p> <p>1 national forest examiner, \$1,500 (1 month).</p> <p>1 national forest examiner, \$1,400.</p> <p>1 national forest examiner, \$1,400 (1 month).</p> <p>2 scalers, at \$1,800 each (2½ months).</p> <p>1 scaler, \$1,700.</p> <p>1 scaler, \$1,600 (9½ months).</p> <p>1 scaler, \$1,400 (9 months).</p> <p>1 timber cruiser, \$1,400 (1½ months).</p> <p>1 mineral examiner, \$2,100.</p> <p>1 mineral examiner, \$2,000.</p> <p>1 mineral examiner, \$1,900.</p> <p>1 mineral examiner, \$1,800.</p> <p>1 mineral examiner, \$1,800 (9 months).</p> <p>2 clerks, at \$1,900 each.</p> <p>1 clerk, \$1,800 (5½ months).</p> <p>2 clerks, at \$1,400 each (4 months).</p> <p>7 clerks, at \$1,200 each (2 months).</p> <p>1 clerk, \$1,100.</p> <p>1 clerk, \$1,100 (8 months).</p> <p>1 clerk, \$1,020 (5 months).</p> <p>12 clerks, at \$900 each (3 months).</p> <p>1 map colorist, \$900.</p> <p>1 map colorist, \$900 (1 month).</p> <p>1 blueprinter, \$720.</p> <p>4 collaborators, at \$12 each.</p> <p>1 collaborator, \$12 (5 months).</p> <p>2 forest guards, at \$900 each (2 months).</p> <p>1 telephone operator, \$600.</p> <p>2 unskilled laborers, at \$540 each.</p> <p>1 messenger boy, \$480 (9 months).</p> <p>1 messenger boy, \$360.</p> <p>3 messenger boys, at \$360 each (2 months).</p> <p>1 land examiner, \$1,200.</p>		
Traveling expenses.....	\$98,860.00	Traveling expenses.....	\$91,275.94
Supplies and equipment.....		Supplies and equipment.....	2,441.70
Miscellaneous expenses.....	57,285.00	Miscellaneous expenses.....	52,963.47
Total estimate, 1916.....	498,370.00	Total expenditures, 1914.....	396,048.23
Total appropriation, 1915.....	491,416.00		
Increase.....	6,954.00		
Total for Forest Service.....		\$5,548,256.00	\$5,548,256.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
BUREAU OF CHEMISTRY.		
<i>Salaries, Bureau of Chemistry—</i>		
(1) One chemist, who shall be chief of bureau (<i>R. S.</i> , p. 87, <i>secs.</i> 522-523; <i>act of June 30, 1914</i> , vol. 38, pp. 430-431, <i>sec.</i> 1) -----	\$5,000.00	
(2) One chief clerk (<i>same acts</i>) -----	2,500.00	
(3) Three executive clerks, at \$2,000 each (increase of 1 by transfer from lump fund for enforcement of the food and drugs act) (<i>same acts</i>) -----	6,000.00	
(4) Eight clerks, class 4 (increase of 1 by transfer from lump fund for enforcement of the food and drugs act) (<i>same acts</i>) -----	14,400.00	
(5) Eleven clerks, class 3 (<i>same acts</i>) -----	17,600.00	
(6) One clerk (<i>same acts</i>) -----	1,440.00	
(7) Twelve clerks, class 2 (<i>same acts</i>) -----	16,800.00	
(8) One clerk (<i>same acts</i>) -----	1,300.00	
(9) Twenty clerks, class 1 (increase of 1 by transfer from lump fund for enforcement of the food and drugs acts) (<i>same acts</i>) -----	24,000.00	
(10) Thirteen clerks, at \$1,020 each (<i>same acts</i>) -----	13,260.00	
(11) Thirteen clerks, at \$1,000 each (increase of 1 by transfer from lump fund for fish investigations) (<i>same acts</i>) -----	13,000.00	
(12) One clerk (<i>same acts</i>) -----	960.00	
(13) Twenty-five clerks, at \$900 each (increase of 2 by transfer from lump fund for enforcement of the food and drugs act) (<i>same acts</i>) -	22,500.00	
(14) One clerk (<i>same acts</i>) -----	840.00	
(15) One food and drug inspector (<i>same acts</i>) -----	2,500.00	
(16) One food and drug inspector (<i>same acts</i>) -----	2,250.00	
(17) Thirteen food and drug inspectors, at \$2,000 each (<i>same acts</i>) ---	26,000.00	
(18) Thirteen food and drug inspectors, at \$1,800 each (<i>same acts</i>) ---	23,400.00	
(19) One food and drug inspector (<i>same acts</i>) -----	1,620.00	
(20) Eleven food and drug inspectors, at \$1,600 each (<i>same acts</i>) -----	17,600.00	
(21) Four food and drug inspectors, at \$1,400 each (<i>same acts</i>) -----	5,600.00	
(22) Four laboratory helpers, at \$1,200 each (<i>same acts</i>) -----	4,800.00	
(23) One laboratory helper (<i>same acts</i>) -----	1,020.00	
(24) Four laboratory helpers, at \$1,000 each (<i>same acts</i>) -----	4,000.00	
(25) Four laboratory helpers, at \$960 each (<i>same acts</i>) -----	3,840.00	
(26) Three laboratory helpers, at \$900 each (<i>same acts</i>) -----	2,700.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Bureau of Chemistry—Continued.</i>		
(27) Six laboratory helpers, at \$840 each (<i>R. S. p. 87, secs 522-523; act of June 30, 1914, vol. 38, pp. 430-431, sec. 1</i>)-----	\$5,040.00	
(28) Two laboratory helpers, at \$780 each (<i>same acts</i>)-----	1,560.00	
(29) Twenty laboratory helpers, messenger boys, or laborers, at \$720 each (the word "boys" has been added after the word "messengers" to make it read "messenger boys") (<i>same acts</i>)-----	14,400.00	
(30) Two laboratory helpers, messenger boys, or laborers, at \$660 each (the word "boys" has been added after the word "messengers" to make it read "messenger boys") (<i>same acts</i>)-----	1,320.00	
NOTE.—The changes in the two grades above substitute the words "messenger boy" for the word "messenger." Under the Civil Service rules a messenger boy can not be appointed to the statutory position of messenger. Messenger boys can be used to better advantage in the work of the bureau than messengers.		
(31) Twenty-eight laboratory helpers, messenger boys, or laborers, at \$600 each (increase of 2 by transfer from lump funds for poultry investigations and for enforcement of the food and drugs act, and decrease of 1 by transfer to statutory roll of the Secretary's office, making net increase of 1) (<i>same acts</i>)-----	16,800.00	
(32) One laboratory assistant (<i>same acts</i>)-----	1,200.00	
(33) One toolmaker (<i>same acts</i>)-----	1,200.00	
(34) One sampler (<i>same acts</i>)-----	1,200.00	
(35) One janitor (<i>same acts</i>)-----	1,020.00	
(36) Two student assistants, at \$300 each (increase of 1 by transfer from lump fund for enforcement of the food and drugs act) (<i>same acts</i>)-----	600.00	
(37) Two messengers, at \$840 each (<i>same acts</i>)-----	1,680.00	
(38) One skilled laborer (<i>same acts</i>)-----	1,050.00	
(39) One skilled laborer (<i>same acts</i>)-----	840.00	
(40) Two messenger boys or laborers, at \$540 each (<i>same acts</i>)-----	1,080.00	
(41) Eight messenger boys or laborers, at \$480 each (<i>same acts</i>)-----	3,840.00	
(42) Three messenger boys or laborers, at \$420 each (<i>same acts</i>)-----	1,260.00	
(43) One messenger boy or laborer (<i>same acts</i>)-----	360.00	
(44) Nine charwomen, at \$240 each (increase of 1 by transfer from lump fund for enforcement of the food and drugs act) (<i>same acts</i>)-----	2,160.00	
Appropriations for 1906..... \$24,080		
Appropriations for 1907..... 28,260		
Appropriations for 1908..... 47,920		
Appropriations for 1909..... 66,720		
Appropriations for 1910..... 75,560		
Appropriations for 1911..... 79,360		
Appropriations for 1912..... 242,190		
Appropriations for 1913..... 254,660		
Appropriations for 1914..... 273,860		
Appropriations for 1915..... 282,600		
Estimates for 1907..... \$29,060		
Estimates for 1908..... 41,800		
Estimates for 1909..... 66,720		
Estimates for 1910..... 83,240		
Estimates for 1911..... 79,360		
Estimates for 1912..... 242,190		
Estimates for 1913..... 262,940		
Estimates for 1914..... 274,860		
Estimates for 1915..... 281,500		
Estimates for 1916..... 291,540		
	\$291,540.00	\$282,600.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Bureau of Chemistry—Continued.</i>		
NOTE.—Apparent increase, \$8,940; no actual increase, as follows:		
<i>Transfers from lump funds of this bureau, which funds have been correspondingly reduced.</i>		
1 clerk, from fish investigations..... \$1,000 1 laboratory helper, messenger boy, or laborer, from poultry investigations..... 600 1 executive clerk, from food and drugs act..... 2,000 1 clerk, class 4, from food and drugs act..... 1,800 1 clerk, class 1, from food and drugs act..... 1,200 2 clerks, at \$900 each, from food and drugs act..... 1,800 1 laboratory helper, messenger boy, or laborer, from food and drugs act..... 600 1 student assistant, from food and drugs act..... 300 1 charwoman, from food and drugs act..... 240		
	\$9,540	
<i>Transfer to statutory roll of office of the Secretary.</i>		
1 laboratory helper, messenger boy, or laborer (change of title to assistant messenger, messenger boy, or laborer).....	600	
Apparent increase.....	8,940	
<i>Change of title.</i>		
20 laboratory helpers, messengers, or laborers, at \$720 each, changed to 20 laboratory helpers, messenger boys, or laborers, at \$720 each.		
2 laboratory helpers, messengers, or laborers, at \$660 each, changed to 2 laboratory helpers, messenger boys, or laborers, at \$660 each.		
NOTE.—The changes in the two grades above substitute the words "messenger boy" for the word "messenger." Under the civil-service rules a messenger boy can not be appointed to the statutory position of messenger. Messenger boys can be used to better advantage in the work of the bureau than messengers.		
<i>General Expenses, Bureau of Chemistry—</i>		
(45) For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collecting, [and] reporting, and illustrating the results of such investigations; and hereafter the Secretary of Agriculture may furnish, upon application, samples of pure sugars, naval stores, microscopical specimens, and other products, to State and municipal officers, educational institutions, and other parties, and charge for the same a price to cover the cost thereof, such price to be determined and established by the Secretary and the money received from sales to be deposited in the Treasury of the United States as miscellaneous receipts; and for rent outside of the District of Columbia, for carrying out the investigations and work herein authorized, as follows:		
NOTE.—The words "and illustrating" are added in the paragraph above in order to make it possible to incur the necessary expenses for illustrating technical work of a special nature when required. A clause authorizing the bureau to furnish certain samples at actual cost is also submitted. The department has frequent calls for this kind of material from State and city officials, educational institutions, and private investigators. From an educational point of view it is an advantage to furnish the samples, but it is believed that the parties securing the same should pay the actual cost of preparing them.		
(46) For conducting the investigations contemplated by the act of May 15, 1862, relating to the application of chemistry to agriculture [\$52,400]	44,400.00	
NOTE.—There is an apparent decrease in the above item of \$8,000, but in reality there is an actual increase of \$10,000, since it is proposed to transfer from this item \$10,000 for the work on citrus by-products and \$8,000 for leather investigations and make separate new items to cover the work thus transferred. The work relating to the application of chemistry to agriculture should be extended. A number of the projects now being carried on under this appropriation		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Chemistry—Continued.</i>		
<p>tion are hampered by lack of sufficient funds, and there are a number of important projects not yet started that urgently demand attention. Potato drying, the qualitative composition of cereals and feeding stuffs, carbohydrate investigations, corn milling, collaborative work with the Bureau of Entomology on insecticides, and investigations in fermentation and in chemical mycology are some of the important projects that will be extended or taken up if the increase submitted is allowed.</p>		
(47) For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work	\$14, 000. 00	
(48) For investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein: <i>Provided, That hereafter no certificate of results of any such inspection shall issue unless the owner or his agent shall first pay to the Secretary of Agriculture, at a price to be determined and established by the Secretary, the actual cost of the inspection, the money received to be deposited in the Treasury of the United States as miscellaneous receipts; and for all necessary expenses in connection with such inspection and studies of methods of analysis in foreign countries</i>	4, 280. 00	
<p>NOTE.—A proviso requiring exporters of American food products for whom examinations are made to pay for the same is submitted. As the exporter receives the chief benefit of these examinations, it is believed that he should pay the actual cost.</p>		
(49) For investigating the preparation for market, <i>commercial feeding, [the] handling, grading, packing, freezing, drying, storing, [and] transportation, and preservation of poultry and eggs, and for experimental shipments of poultry and eggs within the United States, in cooperation with the Office of Markets and Rural Organization and the Bureau of Animal Industry</i> [\$50,000]	49, 400. 00	
<p>NOTE.—There is no actual change in the above item, the decrease of \$600 being due to the transfer of a laborer at that salary to the statutory roll. The language of the paragraph is amended to include the words "commercial feeding" and the words "and preservation," in connection with the work now being done, and additional language has also been added to provide for cooperation with the Bureau of Animal Industry and the Office of Markets and Rural Organization to make clear the relation of this work to that of the offices named.</p>		
(50) For investigating the handling, grading, packing, canning, freezing, storing, and transportation of fish, and for experimental shipments of fish, for the utilization of waste products, and the development of new sources of food [\$15,000]	19, 000. 00	
<p>NOTE.—There is an apparent increase in the above item of \$4,000, but as a clerk at \$1,000 is transferred to the statutory roll, the actual increase is \$5,000. It is important that the utilization of fish as food should be pushed as rapidly as practicable, owing to the high and increasing cost of meat.</p>		
(51) For investigating the packing, handling, storing, and shipping of oysters and other shellfish in the United States and the waters bordering on the United States	5, 000. 00	
(52) For the biological investigation of food and drug products and substances used in the manufacture thereof, <i>including investigations of the physiological effects of such products on the human organism</i> ..	10, 000. 00	
<p>NOTE.—New language has been added to provide for investigations of the physiological effects of food and drug products on the human organism. These additional words are submitted in order to permit the work on the nutrition of man to be done in the Bureau of Chemistry instead of in the States Relations Service as heretofore. This is in accordance with the general plan of reorganization of the department to bring related subjects together.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Chemistry—Continued.</i>		
(53) <i>For investigating and testing the chemical and physical properties of leather and tanning materials, and for the study of tanning processes and the utilization of tannery by-products</i>	\$8,000.00	
NOTE.—This is a new item, but the amount has been transferred from the subappropriation for agricultural investigations, under which item the work is now being done.		
(54) <i>For the study and improvement of methods of utilizing by-products of citrus fruits</i>	10,000.00	
NOTE.—This is a new item, but the amount has been transferred from the subappropriation for agricultural investigations, under which item the work is now being done.		

In all, for general expenses (*act June 30, 1914, vol. 38, p. 431, sec. 1*).....\$164,080.00 \$150,680.00

Appropriations for 1906.....	\$130,920	Estimates for 1907.....	\$162,980
Appropriations for 1907.....	145,920	Estimates for 1908.....	² 145,920
Appropriations for 1908.....	¹ 150,000	Estimates for 1909.....	² 150,000
Appropriations for 1909.....	¹ 160,000	Estimates for 1910.....	² 208,890
Deficiency act.....	100,000		
Appropriations for 1910.....	¹ 117,540	Estimates for 1911.....	² 114,000
Appropriations for 1911.....	¹ 114,000	Estimates for 1912.....	111,480
Appropriations for 1912.....	111,480	Estimates for 1913.....	101,280
Appropriations for 1913.....	89,280	Estimates for 1914.....	114,280
Appropriations for 1914.....	109,280	Estimates for 1915.....	180,680
Appropriations for 1915.....	150,680	Estimates for 1916.....	164,080

¹ Exclusive of amount provided under caption "General expenses" for enforcement of the food and drugs act.

² Exclusive of amount asked for under caption "General expenses" for enforcement of the food and drugs act.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Agricultural investigations, 1916, \$44,400.	Agricultural investigations, 1914, \$65,000, and \$4,000 by transfer from miscellaneous investigations; total, \$69,000.
Salaries..... \$26,000.00	Salaries..... \$40,857.01
As follows:	As follows:
In Washington—	In Washington—
1 chemist in charge, \$3,500. 1 chemist in charge, \$3,000. 1 laboratory assistant, \$2,400. 1 assistant chemist, \$2,250. 1 assistant chemist, \$2,040. 2 assistant chemists, at \$1,800 each. 1 assistant chemist, \$1,620. 2 assistant chemists, at \$1,440 each. 1 assistant chemist, \$1,380. 2 assistant chemists, at \$1,200 each.	1 chemist in charge, \$3,500. 1 chemist in charge, \$3,000. 1 chemist in charge, \$2,280 (2 months). 1 laboratory assistant, \$2,400. 3 assistant chemists, at \$2,040 each. 1 assistant chemist, \$2,000. 7 assistant chemists, at \$1,800 each. 3 assistant chemists, at \$1,620 each. 5 assistant chemists, at \$1,440 each. 1 assistant chemist, \$1,200. 1 scientific assistant, \$2,000. 1 soil chemist, \$1,200. 1 soil biochemist, \$2,040 (5 months). 1 preparator in biology, \$600 (3 months). 1 laboratory helper, \$600.
Out of Washington—None.	Out of Washington—
	1 chemist in charge, \$2,520. 1 assistant chemist, \$1,440. 1 assistant in viticulture, \$75 per month (1 month). 1 unskilled laborer, \$600. 1 unskilled laborer, \$2.50 per day when actually employed (2 months). 1 collaborator, \$300.
Traveling expenses..... 6,200.00 Supplies and equipment..... 8,000.00 Miscellaneous expenses..... 4,200.00	Traveling expenses..... 8,582.65 Supplies and equipment..... 13,965.14 Miscellaneous expenses..... 4,655.03
Total estimate, 1916..... 44,400.00 Total appropriation, 1915..... 52,400.00	Total expenditures, 1914..... 68,059.83
Decrease (but as \$18,000 has been transferred to other appropriations, namely, \$3,000 to leather investigations and \$10,000 to citrus by-products, there is an actual increase of \$10,000)..... 8,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Chemistry—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Collaboration with other departments, 1916, \$14,000.	Miscellaneous investigations, 1914, \$40,000, less \$4,000 by transfer to agricultural investigations, net amount, \$36,000.	
Salaries..... \$11,000.00 As follows: In Washington— 1 assistant chemist, \$2,240. 2 assistant chemists, at \$1,800 each. 1 assistant chemist, \$1,620. 1 medico-chemical analyst, \$2,040. 1 micro-analyst, \$1,620.	Salaries..... \$26,396.50 As follows: In Washington— 1 chemist in charge, \$3,500. 1 assistant chemist, \$2,520. 2 assistant chemists, at \$2,280 each. 1 assistant chemist, \$2,040. 1 assistant chemist, \$1,800. 4 assistant chemists, at \$1,620 each. 4 assistant chemists, at \$1,440 each. 1 assistant chemist, \$1,200. 1 clerk, \$900 (3 months). 1 laboratory helper, \$720 (3½ months). 2 laboratory helpers, at \$600 each (3 months). 1 plumber's helper, \$50 per month (5 months). 2 carpenters, at \$3 per day each when actually employed (3 months each). 1 skilled laborer, \$720 (2 months). 1 unskilled laborer, \$600 (2½ months).	
Traveling expenses..... 1,000.00 Supplies and equipment..... 1,500.00 Miscellaneous expenses..... 500.00	Traveling expenses..... 264.81 Supplies and equipment..... 2,240.77 Miscellaneous expenses..... 254.64	
Total estimate, 1916..... 14,000.00 Total appropriation, 1915..... 14,000.00	Total expenditures, 1914..... 29,156.72	
NOTE.—Name of this appropriation changed from "Miscellaneous investigations" to that indicated above in the fiscal year 1915, and a large percentage of the work originally conducted under this subappropriation was transferred to the Bureau of Standards, Department of Commerce, under date of July 1, 1914 (testing of contract supplies), as well as the force that was engaged on that particular part of the work.		
American food products, 1916, \$4,280.	American food products, 1914, \$4,280.	
Salaries..... \$3,600.00 As follows: Out of Washington— 2 assistant chemists, at \$1,800 each.	Salaries..... \$4,267.50 As follows: Out of Washington— 2 assistant chemists, at \$1,620 each. 1 assistant chemist, \$1,440.	
Traveling expenses..... Supplies and equipment..... 680.00 Miscellaneous expenses.....	Traveling expenses..... Supplies and equipment..... Miscellaneous expenses.....	
Total estimate, 1916..... 4,280.00 Total appropriation, 1915..... 4,280.00	Total expenditures, 1914..... 4,267.50	
Poultry and egg investigations, 1916, \$49,400.		
Salaries..... \$28,000.00 As follows: Out of Washington— 1 chief of laboratory, \$3,250. 1 assistant chemist, \$2,520. 1 assistant chemist, \$2,040. 2 assistant chemists, at \$1,440 each. 1 assistant chemist, \$1,200. 1 investigator in poultry and egg handling, \$2,520. 1 investigator in poultry and egg handling, \$2,040. 2 investigators in poultry and egg handling, at \$1,440 each. 1 investigator in poultry and egg handling, \$1,200. 1 assistant bacteriologist, \$1,800. 2 chemical bacteriologists, at \$1,620 each.		
Traveling expenses..... 11,000.00 Supplies and equipment..... 6,500.00 Miscellaneous expenses..... 3,900.00		
Total estimate, 1916..... 49,400.00 Total appropriation, 1915..... 50,000.00		
Decrease (by transfer of laborer to statutory roll)..... 600.00		
	NOTE.—No separate appropriation for this line of work during fiscal year 1914. The work was conducted under authority granted in the appropriation for enforcement of the food and drugs act. A separate appropriation was made for this work in 1915.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Chemistry—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<div>Fish investigations, 1916, \$19,000.</div> <div>Salaries..... \$11,000.00</div> <div>As follows:</div> <div>Out of Washington—</div> <div>1 chemist, \$2,520.</div> <div>1 chemist, \$2,040.</div> <div>2 bacteriologists, at \$1,800 each.</div> <div>2 assistants, at \$1,440 each.</div> <div>2 assistants, at \$1,200 each.</div> <div>Traveling expenses..... \$3,500.00</div> <div>Supplies and equipment..... 3,000.00</div> <div>Miscellaneous expenses..... 1,500.00</div> <div>Total estimate, 1916..... 19,000.00</div> <div>Total appropriation, 1915..... 15,000.00</div> <div>Increase (but as 1 clerk, \$1,000, has been transferred to statutory roll, the actual increase is \$5,000). 4,000.00</div>	No appropriation for 1914.	
<div>Oyster and other shellfish investigations, 1916, \$5,000.</div> <div>Salaries..... \$3,000.00</div> <div>As follows:</div> <div>Out of Washington—</div> <div>1 bacteriologist in charge, \$2,040.</div> <div>2 assistants, at \$1,200 each.</div> <div>Traveling expenses..... 1,000.00</div> <div>Supplies and equipment..... 700.00</div> <div>Miscellaneous expenses..... 300.00</div> <div>Total estimate, 1916..... 5,000.00</div> <div>Total appropriation, 1915..... 5,000.00</div>	No appropriation for 1914.	
<div>Biological investigations, 1916, \$10,000.</div> <div>Salaries..... \$7,000.00</div> <div>As follows:</div> <div>In Washington—</div> <div>1 chemist in charge, \$3,500.</div> <div>1 assistant chemist, \$2,040.</div> <div>1 assistant chemist, \$1,800.</div> <div>Traveling expenses..... 500.00</div> <div>Supplies and equipment..... 2,100.00</div> <div>Miscellaneous expenses..... 400.00</div> <div>Total estimate, 1916..... 10,000.00</div> <div>Total appropriation, 1915..... 10,000.00</div>	No appropriation for 1914.	
<div>Leather and tanning improvement, 1916, \$8,000.</div> <div>Salaries..... \$4,500.00</div> <div>As follows:</div> <div>In Washington—</div> <div>1 chemist, \$2,040.</div> <div>1 assistant chemist, \$1,800.</div> <div>1 assistant, \$600.</div> <div>Traveling expenses..... 1,000.00</div> <div>Supplies and equipment..... 2,000.00</div> <div>Miscellaneous expenses..... 500.00</div> <div>Total estimate, 1916..... 8,000.00</div> <div>NOTE.—No appropriation for 1915.</div>	No appropriation for 1914.	
<div>Citrus by-products, 1916, \$10,000.</div> <div>Salaries..... \$6,000.00</div> <div>As follows:</div> <div>Out of Washington—</div> <div>1 chemist in charge, \$3,000.</div> <div>1 assistant chemist, \$1,800.</div> <div>1 assistant chemist, \$1,440.</div> <div>Traveling expenses..... 1,500.00</div> <div>Supplies and equipment..... 2,000.00</div> <div>Miscellaneous expenses..... 500.00</div> <div>Total estimate, 1916..... 10,000.00</div> <div>NOTE.—No appropriation for 1915.</div>	No appropriation for 1914.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Enforcement of the Food and Drugs Act—</i>		
(55) For enabling the Secretary of Agriculture to carry into effect the provisions of the act of June 30, 1906, entitled "An act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia; and to cooperate with associations and scientific societies in the revision of the United States Pharmacopœia and development of methods of analysis [\$644,301] (acts June 30, 1906, vol. 34, pp. 768–772, sec. 1; June 30, 1914, vol. 38, p. 431, sec. 1) -----	\$645, 161. 00	\$644,301.00
Appropriations for 1907..... \$250,000 Appropriations for 1908..... 500,000 Appropriations for 1909..... 1 600,000 Appropriations for 1910..... 1 687,460 Deficiency act..... 50,000 Appropriations for 1911..... 1 702,340 Appropriations for 1912..... 610,110 Appropriations for 1913..... 625,000 Appropriations for 1914..... 675,000 Appropriations for 1915..... 644,301 Estimates for 1908..... 2 \$750,000 Estimates for 1909..... 2 600,000 Estimates for 1910..... 2 707,870 Estimates for 1911..... 2 677,340 Estimates for 1912..... 610,110 Estimates for 1913..... 650,000 Estimates for 1914..... 743,600 Estimates for 1915..... 654,301 Estimates for 1916..... 645,161		
1 Actually appropriated as a portion of "General expenses, Bureau of Chemistry." 2 Actually included in estimates for "General expenses, Bureau of Chemistry."		
NOTE.—There is an apparent increase of \$860, but as eight employees have been transferred to the statutory roll, aggregating \$7,940, and one clerk at \$1,200 to the statutory roll of the Secretary's office, the actual increase is \$10,000. This additional amount is urgently needed in order to carry on the inspection work. The net weight amendment, which goes into effect this year, will also require additional expenditure. It is desired to continue the work of collaboration with State food and drug officials in order to make the enforcement of Federal and State food and drug laws more efficient and uniform. New language has also been added to the above paragraph for the purpose of securing authority for cooperation in the revision of the United States Pharmacopœia and with scientific societies is submitted in order to enable us to formally cooperate with the Association of Official Agricultural Chemists and with the United States Pharmacopœial Convention. Both of these organizations are working along lines relating closely to the work of this bureau. The Association of Official Agricultural Chemists works out and adopts methods of analysis of food and drug products, and these methods of analysis are used by this bureau in analyzing samples in connection with the enforcement of the Food and Drugs Act, as required by the regulations adopted for the enforcement of that act. The United States Pharmacopœial Convention establishes standards for drugs and the Food and Drugs act provides in substance that those standards shall be official in the enforcement of that act. It is therefore of the highest importance that this bureau cooperate with the above-mentioned organizations.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Enforcement of the Food and Drugs Act—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Enforcement of the food and drug act, 1916, \$645,161.	Enforcement of the food and drug act, 1914, \$675,000, less \$12,900 allotted to the Referee Board; net amount, \$662,100.	
Salaries..... \$430,000.00	Salaries..... \$382,613.68	
<p>As follows:</p> <p>In Washington—</p> <p>1 assistant chief, \$4,000.</p> <p>3 chemists in charge, at \$4,000 each.</p> <p>1 chemist in charge, \$3,750.</p> <p>2 chemists in charge, at \$3,500 each.</p> <p>3 chemists in charge, at \$3,250 each.</p> <p>4 chemists in charge, at \$3,000 each.</p> <p>2 chemists in charge, at \$2,760 each.</p> <p>3 chemists in charge, at \$2,520 each.</p> <p>1 chief of inspection district, \$3,500.</p> <p>1 pharmacologist in charge, \$3,250.</p> <p>1 pharmacognosist in charge, \$3,000.</p> <p>2 assistant pharmacologists, at \$2,000 each.</p> <p>1 microscopist in charge, \$3,000.</p> <p>3 assistant chemists, at \$2,520 each.</p> <p>4 assistant chemists, at \$2,280 each.</p> <p>6 assistant chemists, at \$2,040 each.</p> <p>14 assistant chemists, at \$1,800 each.</p> <p>12 assistant chemists, at \$1,620 each.</p> <p>14 assistant chemists, at \$1,440 each.</p> <p>3 food-investigation chemists, at \$2,280 each.</p> <p>2 physiological chemists, at \$2,280 each.</p> <p>1 plant morphologist, \$2,280.</p> <p>2 bacteriologists, at \$2,040 each.</p> <p>2 bacteriologists, at \$1,440 each.</p> <p>2 bacteriologists, at \$1,200 each.</p> <p>1 chemical aid, \$2,040.</p> <p>1 microanalyst, \$2,040.</p> <p>3 microanalysts, at \$1,440 each.</p> <p>2 scientific assistants, at \$2,040 each.</p> <p>2 scientific assistants, at \$1,800 each.</p> <p>2 scientific assistants, at \$1,440 each.</p> <p>1 medical assistant, \$1,800.</p> <p>1 medical assistant, \$1,620.</p> <p>1 pharmaceutical chemist, \$1,800.</p> <p>2 pharmaceutical chemists, at \$1,600 each.</p> <p>2 junior chemists, at \$1,620 each.</p> <p>2 junior chemists, at \$1,440 each.</p> <p>4 junior chemists, at \$1,200 each.</p>	<p>As follows:</p> <p>In Washington—</p> <p>1 assistant chief, \$4,000.</p> <p>3 chemists in charge, at \$4,000 each.</p> <p>1 chemist in charge, \$3,800 (6 months).</p> <p>1 chemist in charge, \$3,750.</p> <p>2 chemists in charge, at \$3,500 each.</p> <p>2 chemists in charge, at \$3,250 each.</p> <p>4 chemists in charge, at \$3,000 each.</p> <p>1 chemist in charge, \$2,760 (6 months).</p> <p>2 chemists in charge, at \$2,520 each.</p> <p>1 chemist in charge, \$2,280.</p> <p>2 chemists in charge, at \$2,040 each.</p> <p>1 chemist in charge, \$2,000.</p> <p>1 chief of food and drug inspection district, \$3,500.</p> <p>1 pharmacologist in charge, \$3,250.</p> <p>1 assistant pharmacologist, \$1,800.</p> <p>1 pharmacognosist in charge, \$3,000 (6 months).</p> <p>1 microscopist in charge, \$3,000.</p> <p>3 assistant chemists, at \$2,520 each.</p> <p>2 assistant chemists, at \$2,280 each.</p> <p>5 assistant chemists, at \$2,040 each.</p> <p>1 assistant chemist, \$2,000.</p> <p>13 assistant chemists, at \$1,800 each.</p> <p>11 assistant chemists, at \$1,620 each.</p> <p>9 assistant chemists, at \$1,440 each.</p> <p>4 assistant chemists, at \$1,200 each.</p> <p>1 assistant chemist, \$1,020.</p> <p>1 assistant chemist, \$960.</p> <p>1 assistant chemist, \$600.</p> <p>1 assistant chemist, at \$75 per month.</p> <p>1 assistant chemist, at \$60 per month.</p> <p>1 dairy chemist, \$1,800 (5½ months).</p> <p>1 assistant to bacteriologist, at \$37.50 per month.</p> <p>1 chief of Office of Information, at \$2,500.</p> <p>1 assistant chief of Office of Information, \$2,000 (3½ months).</p> <p>3 food investigation chemists, at \$2,280 each.</p> <p>1 physiological chemist, \$2,280.</p> <p>1 plant morphologist, \$2,280 (3 months).</p> <p>1 bacteriologist, \$1,440.</p> <p>1 bacteriologist, \$1,200.</p> <p>1 assistant bacteriologist, \$2,040.</p> <p>1 bacteriological chemist, \$1,440.</p> <p>1 chemical aid, \$2,040.</p> <p>1 medico-chemical analyst, \$2,040.</p> <p>2 micro-analysts, at \$1,440 each.</p> <p>1 scientific assistant, \$2,040.</p> <p>2 scientific assistants, at \$1,800 each.</p> <p>2 scientific assistants, at \$1,440 each.</p> <p>1 medical assistant, \$1,800.</p> <p>1 pharmaceutical chemist, \$1,800.</p> <p>1 pharmaceutical chemist, \$1,600.</p> <p>2 junior chemists, at \$1,620 each.</p> <p>2 junior chemists, at \$1,200 each.</p> <p>1 laboratory assistant, \$1,200.</p> <p>1 junior pharmacologist, \$1,440.</p> <p>1 chemist's aid, \$720.</p> <p>1 clerk, \$1,800 (6 months).</p> <p>4 clerks, at \$900 each.</p> <p>2 clerks, at \$720 each.</p> <p>1 clerk at \$6 per day (when actually employed).</p> <p>1 editorial clerk, \$1,200.</p> <p>1 machinist, \$1,200 (3 months).</p> <p>1 laboratory technician, \$900 (2 months).</p> <p>1 laboratory helper, \$900.</p> <p>1 laboratory helper, \$600 (2 months).</p> <p>1 preparator in biology, \$600 (1 month).</p> <p>1 translator, \$900 (5½ months).</p> <p>1 watchman, \$720 (2 months).</p> <p>1 messenger boy, \$600 (1 month).</p> <p>2 messenger boys, at \$40 per month each.</p> <p>1 messenger boy, \$360.</p> <p>1 collaborator, \$25 per month.</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
Enforcement of the Food and Drugs Act—Continued.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Enforcement of the food and drug act, 1916, \$645,161.	Enforcement of the food and drug act, 1914, \$675,000, less \$12,900 allotted to the Referee Board; net amount, \$662,100.	
<p>Out of Washington—</p> <p>1 chief of food and drug inspection district, \$4,000.</p> <p>1 chief of food and drug inspection district, \$3,500.</p> <p>1 chemist in charge, \$4,000.</p> <p>1 chemist in charge, \$3,000.</p> <p>1 chemist in charge, \$2,760.</p> <p>8 chemists in charge, at \$2,520 each.</p> <p>2 food chemists, at \$2,760 each.</p> <p>1 food chemist, \$2,280.</p> <p>1 assistant chemist, \$2,520.</p> <p>2 assistant chemists, at \$2,280 each.</p> <p>5 assistant chemists, at \$2,040 each.</p> <p>14 assistant chemists, at \$1,800 each.</p> <p>25 assistant chemists, at \$1,620 each.</p> <p>18 assistant chemists, at \$1,440 each.</p> <p>7 assistant chemists, at \$1,200 each.</p> <p>2 drug chemists, at \$2,520 each.</p> <p>1 bacteriologist, \$2,520.</p> <p>2 bacteriologists, at \$2,040 each.</p> <p>1 bacteriologist, \$1,800.</p> <p>1 bacteriologist, \$1,000.</p> <p>1 bacteriologist, \$1,440.</p> <p>1 fermentation chemist, \$2,280.</p> <p>2 dairy chemists, at \$1,800 each.</p> <p>2 chemical bacteriologists, at \$1,620 each.</p> <p>7 food and drug inspection chemists, at \$9 per day, when actually employed.</p> <p>3 food and drug inspection chemists, at \$8 per day, when actually employed.</p> <p>1 microanalyst, \$1,800.</p> <p>2 microanalysts, at \$1,620 each.</p> <p>2 assistants, at \$600 each.</p> <p>3 collaborators, at \$300 each.</p>	<p>In Washington—Continued.</p> <p>1 painter, \$900 (3 months).</p> <p>1 painter, \$3.50 per day, when actually employed (1 month).</p> <p>1 plumber, \$3.50 per day, when actually employed (6 months).</p> <p>5 carpenters, at \$3.50 per day, when actually employed (1 month each).</p> <p>2 charwomen, at \$240 each.</p> <p>Out of Washington—</p> <p>1 chief of food and drug inspection district, \$4,000.</p> <p>1 chief of food and drug inspection district, \$3,250.</p> <p>1 chemist in charge, \$4,000.</p> <p>1 chemist in charge, \$3,000.</p> <p>1 chemist in charge, \$2,760.</p> <p>7 chemists in charge, at \$2,520 each.</p> <p>2 chemists in charge, at \$2,280 each.</p> <p>1 chemist in charge, \$2,250.</p> <p>1 chemist in charge, \$1,800.</p> <p>1 chief of laboratory, \$3,250.</p> <p>2 food-inspection chemists, at \$2,760 each.</p> <p>1 food-inspection chemist, \$2,280.</p> <p>1 assistant chemist, \$2,520.</p> <p>2 assistant chemists, at \$2,280 each.</p> <p>4 assistant chemists, at \$2,040 each.</p> <p>13 assistant chemists, at \$1,800 each.</p> <p>25 assistant chemists, at \$1,620 each.</p> <p>7 assistant chemists, at \$1,440 each.</p> <p>5 assistant chemists, at \$1,200 each.</p> <p>1 assistant chemist, \$120.</p> <p>1 assistant chemist, \$75 per month.</p> <p>1 assistant chemist, \$70 per month (2½ months).</p> <p>1 assistant chemist, \$65 per month.</p> <p>3 assistant chemists, at \$60 per month each.</p> <p>1 assistant chemist, \$50 per month (2½ months).</p> <p>1 assistant chemist, \$8 per day, when actually employed.</p> <p>2 assistant chemists, at \$7 per day each, when actually employed.</p> <p>1 assistant chemist, \$3.50 per day, when actually employed.</p> <p>1 drug-inspection chemist, \$2,520.</p> <p>1 bacteriologist, \$2,500.</p> <p>1 bacteriologist, \$2,040.</p> <p>1 bacteriologist, \$1,440 (2½ months).</p> <p>1 assistant bacteriologist, \$1,800.</p> <p>1 fermentation chemist, \$2,280.</p> <p>1 investigator in poultry and egg handling, \$2,520.</p> <p>1 investigator in poultry and egg handling, \$2,040.</p> <p>4 investigators in poultry and egg handling, at \$1,440 each.</p> <p>1 investigator in poultry and egg handling, \$1,200.</p> <p>1 investigator in fish and fish products, \$2,040 (4½ months).</p> <p>1 investigator in egg handling, \$1,440 (3 months).</p> <p>1 dairy chemist, \$1,800.</p> <p>1 chemical bacteriologist, \$1,620.</p> <p>1 junior chemist, \$1,020 (1½ months).</p> <p>1 egg transportation assistant, \$1,200 (½ month).</p> <p>7 food and drug inspection chemists, at \$9 each per day, when actually employed.</p> <p>3 food and drug inspection chemists, at \$8 each per day, when actually employed.</p> <p>1 microanalyst, \$1,620 (2 months).</p> <p>1 microanalyst, \$7 per day, when actually employed.</p> <p>1 pharmacognosist, \$10 per day, when actually employed.</p> <p>1 pharmacognosist, \$9 per day, when actually employed.</p> <p>1 scientific assistant, \$8 per day, when actually employed.</p> <p>1 consulting scientific investigator, \$2,000.</p> <p>1 assistant investigator, \$1,200 (2½ months).</p> <p>1 assistant, \$1,800.</p> <p>1 assistant, \$600.</p> <p>12 assistants, at \$480 each (4 months each).</p> <p>1 assistant, \$0.35 per hour, when actually employed.</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
Enforcement of the Food and Drugs Act—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Enforcement of the food and drug act, 1916, \$645,161.	Enforcement of the food and drug act, 1914, \$675,000, less \$12,900 allotted to the Referee Board; net amount, \$662,100.		
	Out of Washington—Continued.		
	1 expert, \$9 per day, when actually employed.		
	4 experts, at \$8 each per day, when actually employed.		
	1 artist, \$9 per day, when actually employed.		
	2 collaborating chemists, at \$1 each.		
	34 collaborating chemists, at \$8 each per day, when actually employed.		
	1 clerk, \$1,200.		
	1 clerk, \$1,000.		
	1 clerk, \$960 (4 months).		
	2 clerks, at \$900 each.		
	1 clerk, \$600.		
	2 collaborators, at \$300 each.		
	2 collaborators, at \$120 each.		
	2 collaborators, at \$0.35 per hour each, when actually employed.		
	2 unskilled laborers, at \$600 each.		
	2 unskilled laborers, at \$2.50 per day each, when actually employed.		
	1 investigator in the preparation of market fruits, \$1,200 (4½ months).		
	1 food technologist, \$2,500 (2 months).		
	5 student assistants, at \$120 each (3 months).		
	49 collaborating subjects, at \$10 per month each (1 month).		
	4 special agents, at \$8 per day, when actually employed.		
	1 special agent, \$6 per day, when actually employed.		
	1 carpenter, \$3.75 per day, when actually employed.		
	1 laboratory helper, \$600 (6 months).		
	1 plumber's helper, \$2.50 per day, when actually employed.		
Traveling expenses.....	\$78,000.00	Traveling expenses.....	\$78,336.39
Supplies and equipment.....	90,000.00	Supplies and equipment.....	90,368.51
Miscellaneous expenses.....	47,161.00	Miscellaneous expenses.....	47,944.19
Total estimate, 1916.....	645,161.00	Total expenditures, 1914.....	599,262.77
Total appropriation, 1915.....	644,301.00		
Increase (but as 1 clerk, \$2,000; 1 clerk, \$1,800; 1 clerk, \$1,200; 2 clerks, at \$900 each; 1 laboratory helper, \$600; 1 student assistant, \$300; and 1 charwoman, \$240, have been transferred to statutory roll of this bureau, and 1 clerk, \$1,200 transferred to statutory roll of Secretary's office, there is an actual increase of \$10,000).....	860.00		
Total for Bureau of Chemistry (increase of \$23,200)		\$1,100,781.00	\$1,077,581.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
BUREAU OF SOILS.		
<i>Salaries, Bureau of Soils—</i>		
(1) One soil physicist, who shall be chief of bureau (<i>R. S.</i> , p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 432, sec. 1)	\$4,000.00	
(2) One chief clerk (<i>same acts</i>)	2,000.00	
(3) One executive assistant (<i>same acts</i>)	2,000.00	
(4) Four clerks, class 4 (<i>same acts</i>)	7,200.00	
(5) Two clerks, class 3 (<i>same acts</i>)	3,200.00	
(6) Five clerks, class 2 (<i>same acts</i>)	7,000.00	
(7) One clerk (<i>same acts</i>)	1,260.00	
(8) Eight clerks, class 1 (<i>same acts</i>)	9,600.00	
(9) Five clerks, at \$1,000 each (<i>same acts</i>)	5,000.00	
(10) Three clerks, at \$900 each (<i>same acts</i>)	2,700.00	
(11) One soil cartographer (<i>same acts</i>)	1,800.00	
(12) One chief draftsman (by transfer from lump fund for soil survey) (<i>same acts</i>)	1,600.00	
(13) One soil bibliographer or draftsman (<i>same acts</i>)	1,400.00	
(14) One photographer (<i>same acts</i>)	1,200.00	
(15) Five draftsmen, at \$1,200 each (<i>same acts</i>)	6,000.00	
(16) One clerk-draftsman (<i>same acts</i>)	1,200.00	
(17) One draftsman (<i>same acts</i>)	1,000.00	
(18) One messenger (<i>same acts</i>)	840.00	
(19) Three messengers, messenger boys, or laborers, at \$480 each (<i>same acts</i>)	1,440.00	
(20) Two laborers, at \$600 each (<i>same acts</i>)	1,200.00	
(21) One laborer (<i>same acts</i>)	300.00	
(22) One charwoman or laborer (<i>same acts</i>)	480.00	
	<hr/>	
	\$62,420.00	\$60,820.00
Appropriations for 1906..... \$34,660	Estimates for 1907..... \$36,460	
Appropriations for 1907..... 36,460	Estimates for 1908..... 37,240	
Appropriations for 1908..... 36,980	Estimates for 1909..... 40,600	
Appropriations for 1909..... 34,700	Estimates for 1910..... 34,500	
Appropriations for 1910..... 35,500	Estimates for 1911..... 37,420	
Appropriations for 1911..... 37,420	Estimates for 1912..... 52,020	
Appropriations for 1912..... 48,320	Estimates for 1913..... 57,330	
Appropriations for 1913..... 50,540	Estimates for 1914..... 57,420	
Appropriations for 1914..... 53,620	Estimates for 1915..... 59,420	
Appropriations for 1915..... 60,820	Estimates for 1916..... 62,420	

NOTE.—Apparent increase, \$1,600; no actual increase. This apparent increase is due to the transfer of 1 chief draftsman at \$1,600 from the lump fund for soil-survey investigations, which fund has been correspondingly reduced.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Soils—</i>		
(23) For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside of the District of Columbia, and for all other necessary supplies and expenses, as follows:		
(24) For chemical investigations of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey (<i>act June 30, 1914, vol. 38, p. 432, sec. 1</i>) -----	\$22,350.00	
(25) For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various soil classes and soil types (<i>same act</i>) -----	15,265.00	
[For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, \$32,700;]		
NOTE.—Under the plan of reorganization, this item has been transferred to the Bureau of Plant Industry.		
(26) For exploration and investigation within the United States to determine possible sources of supply of potash, nitrates, and other natural fertilizers (<i>same act</i>) -----	36,500.00	
(27) For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations [\$169,800] (<i>same act</i>) -----	200,100.00	
NOTE.—There is an apparent increase in the above item of \$30,300, but as one chief draftsman at \$1,600 has been transferred to the statutory roll, the actual increase is \$31,900. It is absolutely necessary to increase the appropriation in the amount indicated if cooperative soil survey work is to be continued in the States now cooperating, and similar work taken up in States desiring to cooperate. Cooperative work is now carried on in the States of Alabama, California, Georgia, Idaho, Indiana, Iowa, Kansas, Maryland, Mississippi, Missouri, Nebraska, New Jersey, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Tennessee, Washington, West Virginia, and Wisconsin. Officials of the States of Arkansas, Florida, Louisiana, Michigan, Minnesota, South Carolina, Texas, and Virginia have requested cooperation as soon as State funds have been appropriated, which is anticipated during the present fiscal year. The bureau has been unable to grant requests for cooperation during the past year with the limited appropriation at its command, and the work can not be extended during the next fiscal year unless the increase requested above is allowed.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Soils—Continued.</i>			
(28)	For the examination and classification of agricultural lands in forest reserves, in cooperation with the Forest Service (<i>act June 30, 1914, vol. 38, p. 432, sec. 1</i>).....	\$20,000.00	
(29)	For general administrative expenses connected with the above-mentioned lines of investigation ["\$3,200;"] (<i>same act</i>).....	4,000.00	
NOTE.—There is an increase of \$800 in the above item, which amount will be used in the purchase of stationery, furniture, and office equipment, and to pay telegraph, telephone, express, freight, and drayage charges, as well as miscellaneous expenses incident to the operation of the offices and laboratories. It also becomes necessary from time to time to employ laborers for temporary periods, and the present appropriation is entirely inadequate to assume the foregoing expenses.			
In all, for general expenses.....		\$298,215.00	\$299,815.00
Appropriations for 1906..... \$170,000		Estimates for 1907.....	\$200,000
Appropriations for 1907..... 185,000		Estimates for 1908.....	200,000
Appropriations for 1908..... 170,000		Estimates for 1909.....	200,000
Appropriations for 1909..... 200,000		Estimates for 1910.....	252,600
Appropriations for 1910..... 197,360		Estimates for 1911.....	193,600
Appropriations for 1911..... 193,600		Estimates for 1912.....	228,700
Appropriations for 1912..... 213,740		Estimates for 1913.....	284,370
Appropriations for 1913..... 250,880		Estimates for 1914.....	315,400
Appropriations for 1914..... 280,400		Estimates for 1915.....	299,020
Appropriations for 1915..... 299,815		Estimates for 1916.....	298,215
Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.			
Chemical investigations, 1916, \$22,350.		Chemical investigations, 1914, \$18,135.	
Salaries..... \$18,670.00		Salaries..... \$16,114.50	
As follows:		As follows:	
In Washington—		In Washington—	
1 scientist, \$3,750 (4 months).		1 scientist, \$3,750 (4 months).	
1 scientist, \$2,400.		1 scientist, \$2,220.	
2 scientists, at \$2,000 each.		3 scientists, at \$1,800 each.	
2 scientists, at \$1,800 each.		1 scientist, \$1,800 (6½ months).	
1 scientist, \$1,800 (4 months).		1 scientist, \$1,620.	
1 scientist, \$1,620.		1 scientist, \$1,440.	
1 scientist, \$1,560.		1 scientist, \$1,200 and \$1,400.	
2 scientists, at \$1,400 each.		1 scientist, \$1,200.	
1 laboratory helper, \$840.		1 laboratory helper, \$720.	
Traveling expenses..... 800.00		1 balance repairer, \$9 per day (5 days).	
Supplies and equipment..... 2,880.00		Traveling expenses.....	
Miscellaneous expenses.....		Supplies and equipment..... 1,997.94	
Total estimates, 1916..... 22,350.00		Miscellaneous expenses.....	
Total appropriation, 1915..... 22,350.00		Total expenditures, 1914..... 18,112.44	
Physical investigations, 1916, \$15,265.		Physical investigations, 1914, \$11,265.	
Salaries..... \$13,150.00		Salaries..... \$10,530.00	
As follows:		As follows:	
In Washington—		In Washington—	
1 scientist, \$3,750 (4 months).		1 scientist, \$3,750 (4 months).	
1 scientist, \$3,000.		1 scientist, \$2,500 and \$2,750.	
1 scientist, \$1,860.		1 scientist, \$1,600 and \$1,860.	
1 scientist, \$1,800 (4 months).		1 scientist, \$1,800 (5½ months).	
1 scientist, \$1,800.		1 scientist, \$1,500 and \$1,740.	
2 scientists, at \$1,400 each.		1 scientist, \$1,200.	
1 laboratory helper, \$1,000.		1 laboratory helper, \$720.	
1 laboratory helper, \$840.		1 laboratory helper, \$720 (8½ months).	
Traveling expenses..... 600.00		1 laboratory apprentice, \$600 (1 month).	
Supplies and equipment..... 1,515.00		Traveling expenses..... 1.90	
Miscellaneous expenses.....		Supplies and equipment..... 644.81	
Total estimate, 1916..... 15,265.00		Miscellaneous expenses.....	
Total appropriation, 1915..... 15,265.00		Total expenditures, 1914..... 11,176.71	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Soils—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Con.</i>			
Investigations of fertilizer resources, 1916, \$36,500.	Investigations of fertilizer resources, 1914, \$25,000.		
Salaries..... \$21,870.00	Salaries..... \$15,965.99		
As follows:	As follows:		
In Washington—	In Washington—		
1 scientist, \$3,750 (4 months).	1 scientist, \$3,750 (4 months).		
3 scientists, at \$2,640 each.	2 scientists, at \$2,400 each.		
1 scientist, \$1,800 (4 months).	1 scientist, \$2,400 (6 months).		
2 scientists, at \$1,800 each.	1 scientist, \$1,440 and \$1,680.		
1 scientist, \$1,740.	1 scientist, \$1,440.		
1 scientist, \$1,680.	1 analyst, \$1,440 (8½ months).		
2 analysts, at \$1,440 each.	1 stenographer and typewriter, \$900 (6 months).		
1 machinist, \$1,200.	1 typewriter, \$840 (2 months).		
1 plumbers' helper, \$900.	Out of Washington—		
Out of Washington—	1 scientist, \$2,400 (6 months).		
1 scientist, \$100.	2 scientists, at \$200 per month each (3½ months).		
	3 scientists, at \$125 per month each (1½ months).		
	1 analyst, \$1,440 (3½ months).		
	1 field assistant, \$75 per month (2 months).		
	1 field assistant, \$60 per month (2½ months).		
	1 agent, \$100 (2 months).		
	1 collaborator, \$100.		
	1 collaborator, \$10 per month (6 months).		
Traveling expenses..... 8,000.00	Traveling expenses..... 6,519.69		
Supplies and equipment..... 6,630.00	Supplies and equipment..... 2,464.63		
Miscellaneous expenses.....	Miscellaneous expenses.....		
Total estimate, 1916..... 36,500.00	Total expenditures, 1914..... 24,950.31		
Total appropriation, 1915..... 36,500.00			
Soil survey investigations, 1916, \$200,100.	Soil survey investigations, 1914, \$175,000, less \$250 transferred to administrative expenses and \$100 to soil fertility investigations, total \$174,650.		
Salaries..... \$116,703.00	Salaries..... \$101,297.52		
As follows:	As follows:		
In Washington—	In Washington—		
1 scientist, \$3,750.	1 scientist, \$3,750.		
1 scientist, \$3,250.	1 scientist, \$3,250.		
1 scientist, \$2,500.	1 scientist, \$2,280 and \$2,500.		
	1 clerk, \$1,800.		
	1 chief draftsman, \$1,600 (6 months).		
	1 clerk draftsman, \$1,200.		
	1 copyist topographic draftsman, \$1,000 and \$1,200.		
	1 clerk, \$1,000 (7 months).		
Out of Washington—	Out of Washington—		
3 scientists, at \$2,500 each.	2 scientists, at \$2,280 each.		
2 scientists, at \$2,280 each.	3 scientists, at \$2,280 and \$2,500 each.		
2 scientists, at \$2,000 each.	1 scientist, \$2,000.		
2 scientists, at \$1,980 each.	1 scientist, \$1,980.		
3 scientists, at \$1,920 each.	2 scientists, at \$1,920 each.		
2 scientists, at \$1,860 each.	1 scientist, \$1,860.		
4 scientists, at \$1,800 each.	1 scientist, \$1,800.		
5 scientists, at \$1,740 each.	2 scientists, at \$1,800 each (2 months).		
6 scientists, at \$1,620 each.	1 scientist, \$1,600 and \$1,800.		
2 scientists, at \$1,600 each.	4 scientists, at \$1,740 each.		
4 scientists, at \$1,560 each.	3 scientists, at \$1,620 each.		
11 scientists, at \$1,440 each.	2 scientists, at \$1,620 each (2 months).		
6 scientists, at \$1,320 each.	1 scientist, \$1,620 (8 months).		
13 scientists, at \$1,200 each.	1 scientist, \$1,600.		
3 scientists, at \$1,080 each.	3 scientists, at \$1,560 each.		
43 collaborators, at \$1 each.	8 scientists, at \$1,440 each.		
	2 scientists, at \$1,320 and \$1,440 each.		
	4 scientists, at \$1,320 each.		
	1 scientist, \$1,320 (8 months).		
	7 scientists, at \$1,200 each.		
	1 scientist, \$1,200 (6 months).		
	1 scientist, \$1,200 (7 months).		
	1 scientist, \$1,200 (11 months).		
	6 scientists, at \$1,080 each.		
	1 scientist, \$1,080 (2 months).		
	1 scientist, \$1,080 (5 months).		
	1 scientist, \$100 per month (1 month).		
	1 scientist, \$100 per month (2 months).		
	1 scientist, \$100 per month (5 months).		
	1 scientist, \$75 per month (1 month).		
	1 clerk, \$840 and \$1,000 (4 months).		
	1 field assistant, \$75 per month (3 months).		
	1 collaborator, \$20 per month (4 months).		
	31 collaborators, at \$1 each.		
	1 collaborator, \$1 (1 month).		
	1 collaborator, \$1 (2 months).		
	2 collaborators, at \$1 each (6 months).		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Soils—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Con.</i>			
Soil Survey investigations, 1916, \$200,100.	Soil survey investigations, 1914, \$175,000, less \$250 transferred to administrative expenses and \$100 to soil fertility investigations, total \$174,650.		
Traveling expenses..... \$75,137.00	Traveling expenses..... \$67,152.05		
Supplies and equipment..... 6,320.00	Supplies and equipment..... 4,863.48		
Miscellaneous expenses..... 1,940.00	Miscellaneous expenses.....		
Total estimate, 1916..... 200,100.00	Total expenditures, 1914..... 173,313.05		
Total appropriation, 1915..... 169,800.00			
Increase, \$31,900, less transfer of one chief draftsman at \$1,600 to statutory roll, making net increase..... 30,300.00			
Classification of agricultural lands, 1916, \$20,000.	Classification of agricultural lands, 1914, \$20,000.		
Salaries..... \$13,980.00	Salaries..... \$11,726.67		
As follows:	As follows:		
Out of Washington—	In Washington—		
2 scientists, at \$1,980 each.	1 copyist topographic draftsman, \$720 (3 months).		
1 scientist, \$1,920.	Out of Washington—		
2 scientists, at \$1,800 each.	1 scientist, \$1,920 (9 months).		
1 scientist, \$1,620.	1 scientist, \$1,920 (10 months).		
2 scientists, at \$1,440 each.	1 scientist, \$1,800.		
Traveling expenses..... 4,980.00	1 scientist, \$1,800 (6 months).		
Supplies and equipment..... 200.00	1 scientist, \$1,800 (10 months).		
Miscellaneous expenses..... 840.00	1 scientist, \$1,620.		
Total estimate, 1916..... 20,000.00	1 scientist, \$1,440.		
Total appropriation, 1915..... 20,000.00	1 scientist, \$1,440 (6 months).		
	1 scientist, \$1,320 (4 months).		
	Traveling expenses..... 4,029.63		
	Supplies and equipment.....		
	Miscellaneous expenses.....		
	Total expenditures, 1914..... 15,756.30		
Administrative expenses, 1916, \$4,000.	Administrative expenses, 1914, \$3,800, and \$250 by transfer from soil survey investigations; total, \$4,050.		
Salaries.....	Salaries..... \$808.67		
	As follows:		
	In Washington—		
	1 painter, \$900 (3 months).		
	1 laborer, \$600 (11 months).		
	1 laborer, \$480 (1 month).		
Traveling expenses.....	Traveling expenses.....		
Supplies and equipment..... \$2,960.00	Supplies and equipment..... 2,404.06		
Miscellaneous expenses..... 1,040.00	Miscellaneous expenses..... 612.64		
Total estimate, 1916..... 4,000.00	Total expenditures, 1914..... 3,825.37		
Total appropriation, 1915..... 3,200.00			
Increase..... 800.00			
Total for Bureau of Soils		\$360,635.00	\$360,365.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
BUREAU OF ENTOMOLOGY.		
Salaries, Bureau of Entomology—		
(1) One entomologist, who shall be chief of bureau (<i>R. S., p. 87, secs. 522, 523; act June 30, 1914, vol. 38, pp. 432, 433, sec. 1</i>)-----	\$4,500.00	
(2) One chief clerk and executive assistant (<i>same acts</i>)-----	2,250.00	
(3) One financial clerk (<i>same acts</i>)-----	1,800.00	
(4) Three clerks, class 4 (<i>same acts</i>)-----	5,400.00	
(5) Three clerks, class 3 (<i>same acts</i>)-----	4,800.00	
(6) Nine clerks, class 2 (<i>same acts</i>)-----	12,600.00	
(7) Seven clerks, class 1 (<i>same acts</i>)-----	8,400.00	
(8) Seven clerks, at \$1,000 each (<i>same acts</i>)-----	7,000.00	
(9) Two clerks, at \$900 each (<i>same acts</i>)-----	1,800.00	
(10) Two entomological draftsmen, at \$1,400 each (<i>same acts</i>)-----	2,800.00	
(11) One entomological draftsman (<i>same acts</i>)-----	1,080.00	
(12) Four foremen, at \$1,080 each (<i>same acts</i>)-----	4,320.00	
(13) Two entomological preparators, at \$840 each (<i>same acts</i>)-----	1,680.00	
(14) One entomological preparator (<i>same acts</i>)-----	720.00	
(15) Six entomological preparators, at \$600 each (<i>same acts</i>)-----	3,600.00	
(16) One messenger (<i>same acts</i>)-----	840.00	
(17) Two messengers or laborers, at \$720 each (<i>same acts</i>)-----	1,440.00	
(18) Four messenger boys, at \$360 each (<i>same acts</i>)-----	1,440.00	
(19) One mechanic (<i>same acts</i>)-----	840.00	
(20) One laborer (<i>same acts</i>)-----	540.00	
(21) Two charwomen, at \$480 each (<i>same acts</i>)-----	960.00	
(22) One charwoman (<i>same acts</i>)-----	240.00	
	\$69,050.00	\$69,050.00
Appropriations for 1906..... \$16,410	Estimates for 1907..... \$21,380	
Appropriations for 1907..... 19,610	Estimates for 1908..... 22,460	
Appropriations for 1908..... 22,210	Estimates for 1909..... 26,360	
Appropriations for 1909..... 26,160	Estimates for 1910..... 27,880	
Appropriations for 1910..... 29,280	Estimates for 1911..... 29,280	
Appropriations for 1911..... 29,280	Estimates for 1912..... 60,130	
Appropriations for 1912..... 60,130	Estimates for 1913..... 58,630	
Appropriations for 1913..... 58,750	Estimates for 1914..... 62,660	
Appropriations for 1914..... 60,960	Estimates for 1915..... 68,150	
Appropriations for 1915..... 69,050	Estimates for 1916..... 69,050	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.																																								
<i>General Expenses, Bureau of Entomology—</i>																																										
(23) For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:																																										
(24) For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts (<i>act June 30, 1914, vol. 38, p. 433, sec. 1</i>) -----	\$58,000.00																																									
(25) For investigations of insects affecting cereal and forage crops (<i>same act</i>) -----	114,500.00																																									
(26) For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant ["\$59,000"] (<i>same act</i>) -----	69,000.00																																									
NOTE.—There is an increase in the above item of \$10,000. This increase is asked for in order to provide for additional work on the cotton boll weevil. The low price of cotton caused by the European war reduces the profit in production very materially. In many regions the ravages of the cotton boll weevil will offset any profit that could now be obtained at the present prices. Additional investigation of the cotton boll weevil is justified and is demanded by cotton planters. The present situation greatly increases the demand for this work.																																										
(27) For investigations of insects affecting forests (<i>same act</i>) -----	54,790.00																																									
(28) For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products (<i>same act</i>) -----	41,500.00																																									
(29) For investigations in bee culture (<i>same act</i>) -----	15,000.00																																									
(30) For investigations of insects affecting tropical and subtropical fruits, including insects affecting the orange, lemon, grapefruit, mango, and so forth (<i>same act</i>) -----	20,100.00																																									
(31) For investigations of the Mediterranean fruit fly (<i>same act</i>) ..	33,200.00																																									
(32) For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects (<i>same act</i>) -----	54,280.00																																									
In all, for general expenses -----	\$460,370.00	\$450,370.00																																								
<table><tr><td>Appropriations for 1906.....</td><td>\$68,060</td><td>Estimates for 1907.....</td><td>\$113,810</td></tr><tr><td>Appropriations for 1907.....</td><td>75,000</td><td>Estimates for 1908.....</td><td>113,810</td></tr><tr><td>Appropriations for 1908.....</td><td>113,800</td><td>Estimates for 1909.....</td><td>149,240</td></tr><tr><td>Appropriations for 1909.....</td><td>158,800</td><td>Estimates for 1910.....</td><td>199,800</td></tr><tr><td>Appropriations for 1910.....</td><td>198,400</td><td>Estimates for 1911.....</td><td>197,900</td></tr><tr><td>Appropriations for 1911.....</td><td>202,900</td><td>Estimates for 1912.....</td><td>238,110</td></tr><tr><td>Appropriations for 1912.....</td><td>256,950</td><td>Estimates for 1913.....</td><td>258,450</td></tr><tr><td>Appropriations for 1913.....</td><td>328,750</td><td>Estimates for 1914.....</td><td>371,000</td></tr><tr><td>Appropriations for 1914.....</td><td>381,250</td><td>Estimates for 1915.....</td><td>447,970</td></tr><tr><td>Appropriations for 1915.....</td><td>450,370</td><td>Estimates for 1916.....</td><td>460,370</td></tr></table>			Appropriations for 1906.....	\$68,060	Estimates for 1907.....	\$113,810	Appropriations for 1907.....	75,000	Estimates for 1908.....	113,810	Appropriations for 1908.....	113,800	Estimates for 1909.....	149,240	Appropriations for 1909.....	158,800	Estimates for 1910.....	199,800	Appropriations for 1910.....	198,400	Estimates for 1911.....	197,900	Appropriations for 1911.....	202,900	Estimates for 1912.....	238,110	Appropriations for 1912.....	256,950	Estimates for 1913.....	258,450	Appropriations for 1913.....	328,750	Estimates for 1914.....	371,000	Appropriations for 1914.....	381,250	Estimates for 1915.....	447,970	Appropriations for 1915.....	450,370	Estimates for 1916.....	460,370
Appropriations for 1906.....	\$68,060	Estimates for 1907.....	\$113,810																																							
Appropriations for 1907.....	75,000	Estimates for 1908.....	113,810																																							
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Entomology—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Deciduous fruit insects, 1916, \$58,000.			
Salaries.....	\$36,720.00		
As follows:			
In Washington—			
1 entomological assistant in charge,			
\$3,500.			
1 entomological assistant, \$1,600.			
1 entomological assistant, \$1,500.			
1 entomological assistant, \$1,400.			
1 entomological preparator, \$720.			
Out of Washington—			
1 entomological assistant, \$2,000.			
1 entomological assistant, \$1,800.			
4 entomological assistants, at \$1,600 each.			
1 scientific assistant, \$1,600.			
3 scientific assistants, at \$1,400 each.			
4 entomological assistants, at \$1,400 each.			
2 scientific assistants, at \$1,200 each.			
4 scientific assistants, at \$1,000 each.			
Traveling expenses.....	13,300.00		
Supplies and equipment.....	5,000.00		
Miscellaneous expenses.....	2,980.00		
Total estimate, 1916.....	58,000.00		
Total appropriation, 1915.....	58,000.00		
Cereal and forage insects, 1916, \$114,500.			
Salaries.....	\$80,700.00		
As follows:			
In Washington—			
1 entomological assistant in charge,			
\$3,500.			
1 entomological assistant, \$2,000.			
Cereal and forage insects, 1914, \$45,000.			
Salaries.....	\$29,808.91		
As follows:			
In Washington—			
1 entomological assistant in charge,			
\$3,500.			
1 entomological assistant, \$1,600.			
1 entomological assistant, \$1,500 (8 months).			
1 entomological assistant, \$1,400 (9 months).			
1 entomological assistant, \$1,200 (3 months).			
1 entomological preparator, \$720 (7 months).			
1 student assistant, \$300 ($\frac{1}{2}$ month).			
1 clerk, \$840 (5 $\frac{1}{2}$ months).			
1 clerk, \$900 (5 $\frac{1}{2}$ months).			
1 student assistant, \$300 (2 months).			
Out of Washington—			
1 entomological assistant, \$2,000.			
1 entomological assistant, \$1,800 (3 $\frac{1}{2}$ months).			
1 entomological assistant, \$1,800 (3 months).			
1 expert, \$1,600 (5 months).			
1 entomological assistant, \$1,600 (4 months).			
1 entomological assistant, \$1,600 (5 months).			
1 scientific assistant, \$1,600 (1 $\frac{1}{2}$ months).			
1 entomological assistant, \$1,600 (4 $\frac{1}{2}$ months).			
2 entomological assistants, at \$1,600 each.			
1 entomological assistant, \$1,500 (4 months).			
2 entomological assistants, at \$1,400 each.			
1 expert, \$1,400 (3 months).			
1 entomological assistant, \$1,400 (7 months).			
1 entomological assistant, \$1,400 (5 months).			
1 entomological assistant, \$1,400 (4 months).			
1 scientific assistant, \$1,400 (5 months).			
1 entomological assistant, \$1,400 (5 months).			
1 entomological assistant, \$1,400 (7 $\frac{1}{2}$ months).			
1 scientific assistant, \$1,200 (1 month).			
1 entomological assistant, \$1,200 (7 months).			
1 agent, \$1,200 (3 months).			
1 entomological assistant, \$1,200 (7 months).			
1 scientific assistant, \$1,200 (3 months).			
1 scientific assistant, \$1,000 (5 months).			
2 scientific assistants, at \$1,000 each (7 months).			
1 scientific assistant, \$1,000 (4 $\frac{1}{2}$ months).			
1 field assistant, \$900 (2 months).			
1 field assistant, \$900 ($\frac{1}{2}$ month).			
1 field assistant, \$720 (1 $\frac{1}{2}$ months).			
1 field assistant, \$600 ($\frac{1}{2}$ month).			
1 field assistant, \$480 (1 $\frac{1}{2}$ months).			
1 field assistant, \$480 ($\frac{1}{2}$ month).			
1 field assistant, \$65 per month (2 months).			
1 field assistant, \$65 per month (4 months).			
1 field assistant, \$65 per month (2 $\frac{1}{2}$ months).			
1 agent, \$10 per day (43 $\frac{1}{2}$ days).			
1 agent, \$5 per day (9 days).			
Traveling expenses.....		7,000.00	
Supplies and equipment.....		5,156.75	
Miscellaneous expenses.....		2,004.21	
Total expenditures, 1914.....		43,969.87	
Cereal and forage insects, 1914, \$90,000.			
Salaries.....	\$63,319.05		
As follows:			
In Washington—			
1 entomological assistant in charge,			
\$3,500.			
1 entomological assistant, \$1,800.			
1 clerk, \$1,200 (9 $\frac{1}{2}$ months).			
1 clerk, \$900 (5 $\frac{1}{2}$ months).			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Cereal and forage insects, 1916, \$114,500.	Cereal and forage insects, 1914, \$90,000.	
Out of Washington— 6 entomological assistants, at \$2,000 each. 1 scientific assistant, \$1,800. 9 entomological assistants, at \$1,800 each. 2 entomological assistants, at \$1,600 each. 6 scientific assistants, at \$1,600 each. 1 field assistant, \$1,400. 1 entomological assistant, \$1,400. 5 scientific assistants, at \$1,400 each. 9 scientific assistants, at \$1,200 each. 3 scientific assistants, at \$1,200 each. 1 scientific assistant, \$1,000. 1 field assistant, \$1,000. 2 collaborators, at \$120 each. The following to be employed as needed: 5 field agents, at \$60 each per month. 1 field agent, \$100 per month. 1 field agent, \$65 per month. 1 field agent, \$30 per month.	Out of Washington— 1 entomological assistant, \$2,000. 4 entomological assistants, at \$2,000 each (6 months). 3 entomological assistants, at \$1,800 each. 1 agent and expert, \$1,800 (6 months). 1 scientific assistant, \$1,800 (6 months). 4 entomological assistants, at \$1,800 each (6 months). 1 expert, \$1,800 (3 months). 4 entomological assistants, at \$1,600 each. 2 entomological assistants, at \$1,600 each (6 months). 1 entomological assistant, \$1,600 (9½ months). 1 agent and expert, \$1,600 (8 months). 1 scientific assistant, \$1,600 (7½ months). 1 scientific assistant, \$1,600 (6 months). 1 scientific assistant, \$1,600 (4 months). 1 entomological assistant, \$1,600 (1½ months). 2 scientific assistants, at \$1,400 each. 1 entomological assistant, \$1,400. 1 scientific assistant, \$1,400 (11 months). 1 expert, \$1,400 (7 months). 1 agent, \$1,400 (6 months). 1 entomological assistant, \$1,400 (6 months). 3 scientific assistants, at \$1,400 each (5 months). 1 entomological assistant, \$1,400 (1 month). 2 scientific assistants, at \$1,200 each. 1 entomological assistant, \$1,200. 1 scientific assistant, \$1,200 (8 months). 1 scientific assistant, \$1,200 (7 months). 1 scientific assistant, \$1,200 (6½ months). 1 scientific assistant, \$1,200 (6 months). 1 field assistant, \$1,200 (5 months). 1 scientific assistant, \$1,200 (5 months). 1 field assistant, \$1,200 (4½ months). 2 field assistants, at \$1,200 each (4 months). 1 scientific assistant, \$1,200 (2½ months). 1 field assistant, \$1,200 (2½ months). 1 field assistant, \$1,200 (1 month). 2 scientific assistants, at \$1,000 each. 1 scientific assistant, \$1,000 (6 months). 1 field assistant, \$1,000 (5 months). 1 scientific assistant, \$1,000 (4 months). 1 field assistant, \$1,000 (4 months). 2 field assistants, at \$1,000 each (3 months). 1 scientific assistant, \$1,000 (2½ months). 1 scientific assistant, \$1,000 (2 months). 1 clerk, \$1,000 (1½ months). 1 clerk, \$1,000 (1 month). 1 scientific assistant, \$1,000 (1 month). 1 scientific assistant, \$900 (7½ months). 1 scientific assistant, \$900 (3½ months). 1 field assistant, \$900 (3 months). 1 field assistant, \$900 (2½ months). 1 field assistant, \$720 (6½ months). 1 scientific assistant, \$720 (3½ months). 1 field assistant, \$720 (1 month). 1 field assistant, \$600 (2½ months). 1 field assistant, \$600 (2½ months). 1 field assistant, \$600 (2 months). 1 field assistant, \$600 (1½ months). 1 clerk, \$540 (9½ months). 1 field assistant, \$540 (2 months). 1 collaborator, \$120. 1 collaborator, \$120 (6 months). 1 collaborator, \$12 (7 months). 1 collaborator, \$12 (3 months). 1 cook, \$65 per month (3½ months). 1 field assistant, \$65 per month (2½ months). 1 field assistant, \$65 per month (2½ months).	
Traveling expenses..... \$22,000.00 Supplies and equipment..... 6,000.00 Miscellaneous expenses..... 5,800.00 Total estimate, 1916..... 114,500.00 Total appropriation, 1915..... 114,500.00	Traveling expenses..... \$19,000.00 Supplies and equipment..... 4,791.06 Miscellaneous expenses..... 2,439.72 Total expenditures, 1914..... 89,549.83	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Southern field crop insects, 1916, \$69,000.	Southern field crop insects, 1914, \$50,000.	
Salaries..... \$34,500.00 As follows: In Washington— 1 entomological assistant in charge, \$3,500. 1 entomological assistant, \$2,500. 1 entomological assistant, \$2,000. 1 expert preparator, \$840. 1 entomological preparator, \$720. Out of Washington— 1 entomological assistant, \$2,250. 1 entomological assistant, \$2,000. 2 entomological assistants, at \$1,800 each. 1 scientific assistant, \$1,600. 2 scientific assistants, at \$1,400 each. 2 entomological assistants, at \$1,400 each. 2 entomological assistants, at \$1,200 each. 3 scientific assistants, at \$1,200 each. 1 scientific assistant, \$1,000. 2 student assistants, at \$300 each. Traveling expenses..... 17,500.00 Supplies and equipment..... 10,000.00 Miscellaneous expenses..... 7,000.00 Total estimate, 1916..... 69,000.00 Total appropriation, 1915..... 59,000.00 Increase..... 10,000.00	Salaries..... \$33,655.07 As follows: In Washington— 1 entomological assistant in charge, \$3,500. 1 agent and expert, \$2,250 (7 months). 1 entomological assistant, \$2,500 (3 months). 1 expert preparator, \$840 (10½ months). 1 entomological preparator, \$600. 1 student assistant, \$300 (1 month). Out of Washington— 2 entomological assistants, at \$2,000 each. 3 entomological assistants, at \$1,800 each. 1 entomological assistant, \$1,600. 1 scientific assistant, \$1,600. 2 entomological assistants, at \$1,400 each. 1 entomological assistant, \$1,200 (6½ months). 1 entomological assistant, \$1,400 (4 months). 1 agent and expert, \$1,200 (7 months). 1 scientific assistant, \$1,200 (5 months). 1 scientific assistant, \$1,200 (10½ months). 2 scientific assistants, at \$1,200 each (1 month). 2 entomological assistants, at \$1,200 each. 1 scientific assistant, \$1,200. 1 clerk, \$1,000 (½ month). 1 clerk, \$1,200 (7½ months). 1 field assistant, \$85 per month (3 months). 1 scientific assistant, \$85 per month (7½ months). 1 scientific assistant, \$1,000. 1 unskilled laborer, \$720 (7 months). 1 messenger, \$900 (5 months). 1 unskilled laborer, \$300 (4½ months). 1 unskilled laborer, \$420 (7½ months). 2 collaborators, at \$12 each (7 months). 1 collaborator, \$12. 1 entomological assistant, \$340 (5 months). 1 entomological preparator, \$720 (6 months). 1 entomological assistant, \$1,200 (2 months). 1 field assistant, \$85 per month (1½ months). 1 field assistant, \$85 per month (4½ months). 1 field assistant, \$720 (2½ months). 1 field assistant, \$600 (2½ months). 1 field assistant, \$85 per month (1½ months). Traveling expenses..... 10,700.06 Supplies and equipment..... 1,200.90 Miscellaneous expenses..... 4,223.01 Total expenditures, 1914..... 49,779.04	
Forest insects, 1916, \$54,790.	Forest insects, 1914, \$44,750.	
Salaries..... \$44,680.00 As follows: In Washington— 1 entomological assistant in charge, \$3,500. 1 entomological assistant, \$2,000. 4 entomological assistants, at \$1,800 each. 2 entomological assistants, at \$1,600 each. 1 entomological assistant, \$1,500. 1 scientific assistant, \$1,000. 1 entomological preparator, \$720. 2 entomological preparators, at \$600 each. 1 student assistant, \$300.	Salaries..... \$34,923.17 As follows: In Washington— 1 entomological assistant in charge, \$3,500. 1 entomological assistant, \$2,000 (7 months). 1 entomological assistant, \$1,800 (7 months). 2 entomological assistants, at \$1,800 each (4 months). 1 entomological assistant, \$1,400 (7 months). 1 entomological assistant, \$5 per day, when actually employed (5½ months). 1 expert, \$1,800 (8 months). 1 agent and expert, \$1,800 (3 months). 1 field assistant, \$1,200 (3½ months). 1 scientific assistant, \$1,000 (1 month). 1 entomological preparator, \$720.	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Forest insects, 1916, \$54,790.</p> <hr/> <p>Out of Washington— 1 entomological assistant, \$2,200. 3 entomological assistants, at \$1,800 each. 1 entomological assistant, \$1,400. 1 scientific assistant, \$1,400. 1 scientific assistant, \$1,200. 7 entomological rangers, at \$1,080 each. 1 scientific assistant, \$1,000. 4 entomological rangers, at \$900 each. 1 student assistant, \$300.</p> <p>Traveling expenses..... \$7,300.00 Supplies and equipment..... 1,500.00 Miscellaneous expenses..... 1,310.00</p> <p>Total estimate, 1916..... 54,790.00 Total appropriation, 1915..... 54,790.00</p>	<p align="center">Forest insects, 1914, \$44,750.</p> <hr/> <p>In Washington—Continued. 1 entomological preparator, \$720 (11 months). 2 entomological preparators, at \$600 each. 1 entomological preparator, \$600 (10 months). 1 messenger boy, \$360.</p> <p>Out of Washington— 1 entomological assistant, \$2,000. 2 entomological assistants, at \$1,800 each. 1 entomological assistant, \$1,800 (4 months). 1 entomological assistant, \$1,400 (7 months). 1 entomological assistant, \$1,200. 1 agent and expert, \$1,800 (8 months). 1 scientific assistant, \$1,200 (7½ months). 1 scientific assistant, \$1,200 (3½ months). 1 field assistant, \$1,200 (2½ months). 1 field assistant, \$900 (3 months). 7 entomological rangers, at \$1,080 each (6 months). 1 entomological ranger, \$1,080 (½ month). 2 entomological rangers, at \$900 each (6 months). 8 agents, at \$1,080 each (6 months). 1 agent, \$900 (6 months). 2 student assistants, at \$300 each (2 months). 1 student assistant, \$300 (4½ months). 1 student assistant, \$300 (8½ months).</p> <p>Traveling expenses..... \$7,652.76 Supplies and equipment..... 1,277.46 Miscellaneous expenses..... 794.00</p> <p>Total expenditures, 1914..... 44,647.39</p>	
<p align="center">Truck-crop and stored-product insects, 1916, \$41,500.</p> <hr/> <p>Salaries..... \$30,104.00 As follows: In Washington— 1 entomologist in charge, \$3,500. 1 entomological assistant, \$2,250. 1 expert, \$1,800. 1 entomological assistant, \$2,000. 1 scientific assistant, \$1,200. 2 scientific assistants, at \$1,000 each. 2 entomological preparators, at \$840 each. 1 messenger, \$600.</p> <p>Out of Washington— 1 scientific assistant, \$2,250. 1 entomological assistant, \$2,000. 2 scientific assistants, at \$1,800 each. 3 scientific assistants, at \$1,400 each. 4 collaborators, at \$120 each. 2 collaborators, at \$12 each. 1 entomological preparator, \$720. 2 field assistants, at \$900 each.</p> <p>Traveling expenses..... 6,000.00 Supplies and equipment..... 3,250.00 Miscellaneous expenses..... 2,146.00</p> <p>Total estimate, 1916..... 41,500.00 Total appropriation, 1915..... 41,500.00</p>	<p align="center">Truck-crop and stored-product insects, 1914, \$35,000.</p> <hr/> <p>Salaries..... \$25,134.00 As follows: In Washington— 1 entomologist in charge, \$3,500. 1 entomological assistant, \$2,000. 1 expert, \$1,800 (11 months). 1 scientific assistant, \$600 (½ month). 1 scientific assistant, \$1,000 (11½ months). 1 entomological preparator, \$720. 2 entomological preparators, at \$600 each. 1 student assistant, \$300 (2 months).</p> <p>Out of Washington— 1 entomological assistant, \$2,000. 1 agent, \$1,400 (½ month). 1 scientific assistant, \$1,800 (11½ months). 1 scientific assistant, \$1,800 (9½ months). 1 entomological assistant, \$1,600. 1 entomological assistant, \$1,500 (7 months). 1 scientific assistant, \$1,600 (5 months). 1 scientific assistant, \$1,400 (9 months). 1 scientific assistant, \$1,200 (4½ months). 2 entomological assistants, at \$1,200 each. 1 entomological assistant, \$900 (6 months). 1 entomological assistant, \$1,200 (1 month). 1 scientific assistant, \$1,200 (5 months). 1 field assistant, \$900 (½ month). 1 scientific assistant, \$900 (5 months). 1 field assistant, \$900 (¾ month). 1 scientific assistant, (900 ¾ months). 1 field assistant, \$840 (¾ month). 1 field assistant, \$720 (2 months). 1 field assistant, \$600 (2½ months). 1 field assistant, \$600 (2½ months). 1 field assistant, \$720 (1½ months). 1 entomological preparator, \$720 (4½ months). 1 collaborator, \$120. 2 collaborators, at \$12 each. 1 collaborator, \$12 (9 months).</p> <p>Traveling expenses..... 4,890.23 Supplies and equipment..... 4,549.76 Miscellaneous expenses..... 233.33</p> <p>Total expenditures, 1914..... 34,807.32</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Bee culture, 1916, \$15,000.</p> <p>Salaries..... \$12,662.00</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 apicultural assistant in charge of bee culture, \$3,500.</p> <p> 1 expert, \$2,250.</p> <p> 1 apicultural assistant, \$2,160.</p> <p> 1 expert, \$1,860.</p> <p> 1 apicultural assistant, \$1,660.</p> <p> 1 apicultural assistant, \$1,400.</p> <p> Out of Washington—</p> <p> 1 collaborator, \$12.</p> <p>Traveling expenses..... 1,000.00</p> <p>Supplies and equipment..... 500.00</p> <p>Miscellaneous expenses..... 838.00</p> <p> Total estimate, 1916..... 15,000.00</p> <p> Total appropriation, 1915..... 15,000.00</p>	<p align="center">Bee culture, 1914, \$15,000.</p> <p>Salaries..... \$12,322.78</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 apicultural assistant in charge, \$3,500.</p> <p> 1 expert, \$2,250.</p> <p> 1 apicultural assistant, \$2,100 (5 months).</p> <p> 1 apicultural assistant, \$1,800 (6 months).</p> <p> 1 expert, \$1,800.</p> <p> 1 apicultural assistant, \$1,000.</p> <p> 1 apicultural assistant, \$1,400 (9½ months).</p> <p> 1 laborer, \$1.75 per day (62½ days).</p> <p> 1 student assistant, \$300 (2 months).</p> <p> 1 typewriter, \$600 (2 months).</p> <p> 1 topographical draftsman, \$1,200 (¼ month).</p> <p> Out of Washington—</p> <p> 1 collaborator, \$12.</p> <p>Traveling expenses..... 1,537.74</p> <p>Supplies and equipment..... 947.29</p> <p>Miscellaneous expenses..... 180.00</p> <p> Total expenditures, 1914..... 14,987.81</p>	
<p align="center">Tropical and subtropical fruit insects, 1916, \$20,100.</p> <p>Salaries..... \$14,963.34</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 entomologist and acting chief in absence of chief, \$4,600 (4 months).</p> <p> 1 entomological assistant, \$1,500.</p> <p> 1 entomological assistant, \$1,400.</p> <p> 1 entomological preparator, \$720.</p> <p> Out of Washington—</p> <p> 1 special agent, \$2,250.</p> <p> 1 entomological assistant, \$2,000.</p> <p> 1 scientific assistant, \$1,600.</p> <p> 1 entomological assistant, \$1,400.</p> <p> 1 field assistant, \$1,200.</p> <p> 1 unskilled laborer, \$840.</p> <p> 1 unskilled laborer, \$720.</p> <p>Traveling expenses..... 2,000.00</p> <p>Supplies and equipment..... 1,200.00</p> <p>Miscellaneous expenses..... 1,936.66</p> <p> Total estimate, 1916..... 20,100.00</p> <p> Total appropriation, 1915..... 20,100.00</p>	<p align="center">Tropical and subtropical fruit insects, 1914, \$21,500.</p> <p>Salaries..... \$12,822.34</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 entomologist and acting chief in absence of chief, \$4,600 (4 months).</p> <p> 1 entomological assistant, \$1,400.</p> <p> 1 clerk, \$1,400.</p> <p> 1 entomological preparator, \$720.</p> <p> Out of Washington—</p> <p> 1 special agent, \$2,250 (6 months).</p> <p> 1 expert, \$2,000 (8 months).</p> <p> 1 entomological assistant, \$2,000 (4 months).</p> <p> 1 agent and expert, \$1,600 (8 months).</p> <p> 1 scientific assistant, \$1,600 (4 months).</p> <p> 1 entomological assistant, \$1,400.</p> <p> 1 field assistant, \$1,200 (3 months).</p> <p> 1 unskilled laborer, \$840.</p> <p> 1 skilled laborer, \$720 (2½ months).</p> <p> 1 unskilled laborer, \$720 (7 months).</p> <p> 1 unskilled laborer, \$480 (1 month).</p> <p> 1 unskilled laborer, \$240 (4½ months).</p> <p>Traveling expenses..... 2,152.67</p> <p>Supplies and equipment..... 1,508.98</p> <p>Miscellaneous expenses..... 2,728.61</p> <p> Total expenditures, 1914..... 19,212.60</p>	
<p align="center">Investigations of the Mediterranean fruit fly, 1916, \$33,200.</p> <p>Salaries..... \$6,766.66</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 entomologist and acting chief in absence of chief, \$4,000 (8 months).</p> <p> Out of Washington—</p> <p> 1 entomological assistant, \$2,500.</p> <p> 1 scientific assistant, \$1,600.</p> <p>Traveling expenses..... 3,500.00</p> <p>Supplies and equipment..... 2,000.00</p> <p>Miscellaneous expenses..... 20,933.34</p> <p> Total estimate, 1916..... 33,200.00</p> <p> Total appropriation, 1915..... 33,200.00</p>	<p align="center">Investigations of the Mediterranean fruit fly, 1914, \$35,000.</p> <p>Salaries..... \$9,175.00</p> <p> As follows:</p> <p> In Washington—</p> <p> 1 entomologist and acting chief in absence of chief, \$4,000 (6 months).</p> <p> Out of Washington—</p> <p> 1 expert, \$2,500 (8 months).</p> <p> 1 entomological assistant, \$2,500 (4 months).</p> <p> 1 entomological assistant, \$2,250 (6 months).</p> <p> 1 entomological assistant, \$1,800 (1 month).</p> <p> 1 clerk, \$1,800.</p> <p> 1 scientific assistant, \$1,600.</p> <p>Traveling expenses..... 3,364.65</p> <p>Supplies and equipment..... 1,164.70</p> <p>Miscellaneous expenses..... 8,059.81</p> <p> Total expenditures, 1914..... 21,764.16</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Entomology—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Miscellaneous insects, 1916, \$54,280.			
Salaries..... \$34,851.00			
As follows:			
In Washington—			
1 entomological assistant, \$2,250 (6 months).			
2 assistant entomologists, at \$2,000 each.			
3 assistant entomologists, at \$1,800 each.			
2 entomological assistants, at \$1,800 each.			
2 assistant entomologists, at \$1,600 each.			
1 entomological assistant, \$1,400.			
1 scientific assistant, \$1,400.			
1 student assistant, \$300.			
Out of Washington—			
1 entomological assistant, \$2,250 (6 months).			
1 entomological assistant, \$2,200.			
1 entomological assistant, \$1,800.			
3 entomological assistants, at \$1,400 each.			
4 scientific assistants, at \$1,200 each.			
1 collaborator, \$300.			
1 collaborator, \$1.			
Traveling expenses..... 12,580.00			
Supplies and equipment..... 4,000.00			
Miscellaneous expenses..... 2,549.00			
Total estimate, 1916..... 54,280.00			
Total appropriation, 1915..... 54,280.00			
Miscellaneous insects, 1914, \$45,000.			
Salaries..... \$32,234.32			
As follows:			
In Washington—			
1 entomological assistant, \$2,500 (2 months).			
2 entomological assistants, at \$2,000 each.			
1 entomological assistant, \$1,800.			
1 assistant entomologist, \$1,800 (11 months).			
1 entomological assistant, \$1,800 (11 months).			
1 expert, \$1,800 (8 months).			
1 entomological assistant, \$1,800 (4 months).			
2 assistant entomologists, at \$1,600 each.			
1 entomological assistant, \$1,400.			
1 scientific assistant, \$1,200 (10 months).			
1 scientific assistant, \$1,200 (11 months).			
1 clerk, \$900 (2½ months).			
1 entomological preparator, \$720.			
1 entomological preparator, \$600.			
1 messenger, \$300.			
1 messenger, \$300 (10 months).			
1 student assistant, \$300 (10½ months).			
1 student assistant, \$300 (¾ month).			
1 student assistant, \$300 (2 months).			
1 charwoman, \$240 (5 months).			
Out of Washington—			
1 entomological assistant, \$2,250.			
1 entomological assistant, \$2,000 (10 months).			
1 expert, \$1,800 (8 months).			
1 entomological assistant, \$1,800 (4 months).			
1 entomological assistant, \$1,400.			
1 entomological assistant, \$1,400 (5 months).			
1 entomological assistant, \$1,400 (1 month).			
1 entomological assistant, \$1,200 (3 months).			
1 entomological assistant, \$1,200 (1 month).			
1 field assistant, \$1,200 (2½ months).			
1 field assistant, \$1,200 (2½ months).			
1 field assistant, \$1,200 (2 months).			
1 scientific assistant, \$1,200 (11 months).			
1 agent, \$1,200 (1 month).			
1 field assistant, \$130 per month (2½ months).			
1 field assistant, \$130 per month (3 months).			
1 entomological preparator, \$720 (6 months).			
1 collaborator, \$300 (3 months).			
1 collaborator, \$300 (11 months).			
1 collaborator, \$300 (2½ months).			
1 collaborator, \$1.			
Traveling expenses..... 8,253.48			
Supplies and equipment..... 3,317.52			
Miscellaneous expenses..... 1,180.83			
Total expenditures, 1914..... 44,986.15			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Preventing Spread of Moths, Bureau of Entomology—</i>			
(33) To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in co-operation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses (<i>act June 30, 1914, vol. 38, p. 433, sec. 1</i>)		\$310,000.00	\$310,000.00
Appropriations for 1907..... \$82,500 Appropriations for 1908..... 150,000 Appropriations for 1909..... 250,000 Appropriations for 1910..... 300,000 Appropriations for 1911..... 300,000 Appropriations for 1912..... 284,840 Appropriations for 1913..... 284,840 Appropriations for 1914..... 300,000 Appropriations for 1915..... 310,000	Estimates for 1908..... \$82,500 Estimates for 1909..... 150,000 Estimates for 1910..... 300,000 Estimates for 1911..... 300,000 Estimates for 1912..... 284,840 Estimates for 1913..... 284,840 Estimates for 1914..... 300,000 Estimates for 1915..... 297,540 Estimates for 1916..... 310,000		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Preventing spread of moths, 1916, \$310,000.	Preventing spread of moths, 1914, \$300,000.		
Salaries..... \$215,000.00	Salaries..... \$214,218.11		
As follows:	As follows:		
Out of Washington—	Out of Washington—		
1 entomological assistant, \$3,000.	1 entomological assistant, \$3,000.		
1 assistant, \$2,750.	1 agent, \$2,750 (1 month).		
1 agent, \$2,750.	1 agent, \$2,500 (11 months).		
1 entomological assistant, \$1,800.	1 assistant, \$1,800 (1 month).		
2 scientific assistants, at \$1,800 each.	1 expert, \$1,800 (1 month).		
4 entomological assistants, at \$1,600 each.	2 entomological assistants, at \$1,600 each.		
2 scientific assistants, at \$1,600 each.	1 scientific assistant, \$1,600 (3½ months).		
1 assistant in forest management, \$1,600.	1 entomological assistant, \$1,600 (1 month).		
2 entomological assistants, at \$1,400 each.	1 scientific assistant, \$1,400 (4 months).		
2 scientific assistants, at \$1,400 each.	1 assistant in forest management, \$1,400.		
1 gypsy moth assistant, \$1,400.	2 entomological assistants, at \$1,400 each.		
2 entomological assistants, at \$1,200 each.	1 scientific assistant, \$1,400.		
5 scientific assistants, at \$1,200 each.	1 entomological assistant, \$1,400 (10½ months).		
5 gypsy moth assistants, at \$1,200 each.	7 gypsy moth assistants, at \$1,200 each.		
2 assistants in forest management, at \$1,200 each.	1 clerk, \$1,200.		
2 scientific assistants, at \$1,080 each.	2 entomological assistants, at \$1,200 each.		
7 gypsy moth assistants, at \$1,080 each.	1 assistant in forest management, \$1,200 (1½ months).		
3 scientific assistants, at \$900 each.	1 assistant in forest management, \$1,200 (9 months).		
5 gypsy moth assistants, at \$900 each.	5 gypsy moth assistants, at \$1,080 each.		
1 preparator, \$720.	1 scientific assistant, \$1,080.		
25 foremen, at \$3.20 per diem each (when actually employed).	1 agent, \$1,080 (7½ months).		
20 scout inspectors, at \$2.88 per diem each (when actually employed).	1 clerk, \$1,000 (1 month).		
130 scouts, at \$2.56 per diem each (when actually employed).	1 field assistant, \$900 (3 months).		
250 laborers, at \$2 per diem each (when actually employed).	1 scientific assistant, \$900 (5 months).		
25 foremen, at \$2.88 per diem each (when actually employed).	1 scientific assistant, \$900 (½ month).		
	1 scientific assistant, \$900 (9 months).		
	1 scientific assistant, \$900 (5 months).		
	1 clerk, \$900 (4½ months).		
	2 gypsy moth assistants, at \$840 each.		
	1 field assistant, \$840 (½ month).		
	2 field assistants, at \$840 each (½ month).		
	1 entomological preparator, \$720.		
	1 messenger boy, \$360.		
	1 collaborator, \$12.		
	25 foremen, at \$3.20 per diem each (when actually employed).		
	25 foremen, at \$2.88 per diem each (when actually employed).		
	20 scout inspectors, at \$2.88 per diem each (when actually employed).		
	130 scouts, at \$2.56 per diem each (when actually employed).		
	250 laborers, at \$2 per diem each (when actually employed).		
Traveling expenses..... 70,000.00	Traveling expenses..... 60,082.34		
Supplies and equipment..... 22,500.00	Supplies and equipment..... 21,306.31		
Miscellaneous expenses..... 2,500.00	Miscellaneous expenses..... 2,297.65		
Total estimate, 1916..... 310,000.00	Total expenditures, 1914..... 297,904.41		
Total appropriation, 1915..... 310,000.00			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
BUREAU OF BIOLOGICAL SURVEY.		
Salaries, Bureau of Biological Survey—		
(1) One biologist, who shall be chief of bureau (<i>R. S., p. 87, secs. 522-523; June 30, 1914, vol. 38, pp. 433-434, sec. 1</i>)-----	\$3,500.00	
(2) One chief clerk and executive assistant (<i>same acts</i>)-----	1,800.00	
(3) One assistant in game preservation (<i>same acts</i>)-----	2,250.00	
(4) One financial clerk (<i>same acts</i>)-----	1,600.00	
(5) Two clerks, class 3 (<i>same acts</i>)-----	3,200.00	
(6) Three clerks, class 2 (<i>same acts</i>)-----	4,200.00	
(7) Five clerks, class 1 (<i>same acts</i>)-----	6,000.00	
(8) Three clerks, at \$1,000 each (<i>same acts</i>)-----	3,000.00	
(9) Two clerks, at \$900 each (<i>same acts</i>)-----	1,800.00	
(10) One preparator (by transfer from lump fund for administrative expenses) (<i>same acts</i>)-----	1,200.00	
(11) One messenger (<i>same acts</i>)-----	720.00	
(12) One photographer (<i>same acts</i>)-----	1,300.00	
(13) One game warden (<i>same acts</i>)-----	1,200.00	
(14) One draftsman (<i>same acts</i>)-----	900.00	
(15) Two messengers, messenger boys, or laborers, at \$480 each (increase of 1 by transfer from lump fund for administrative expenses) (<i>same acts</i>)-----	960.00	
(16) One laborer (<i>same acts</i>)-----	600.00	
(17) One charwoman (<i>same acts</i>)-----	240.00	
	\$34,470.00	\$32,790.00
Appropriations for 1906..... \$7,580	Estimates for 1907..... \$9,280	
Appropriations for 1907..... 7,580	Estimates for 1908..... 9,780	
Appropriations for 1908..... 7,580	Estimates for 1909..... 9,780	
Appropriations for 1909..... 7,580	Estimates for 1910..... 13,000	
Appropriations for 1910..... 13,000	Estimates for 1911..... 15,400	
Appropriations for 1911..... 15,400	Estimates for 1912..... 25,100	
Appropriations for 1912..... 24,000	Estimates for 1913..... 25,100	
Appropriations for 1913..... 25,100	Estimates for 1914..... 30,040	
Appropriations for 1914..... 29,990	Estimates for 1915..... 31,590	
Appropriations for 1915..... 32,790	Estimates for 1916..... 34,470	

NOTE.—Apparent increase, \$1,680; no actual increase. This apparent increase is due to the transfer of 1 preparator, \$1,200, and 1 messenger, messenger boy or laborer, at \$480, from the lump fund for administrative expenses, which fund has been correspondingly reduced.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Biological Survey—</i>		
(18) For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling, and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:		
(19) For the enforcement of sections 241, 242, 243, and 244 of the act approved Mar. 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section 1 of the act approved May 25, 1906, entitled "An act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes" (<i>acts May 25, 1906, vol. 31, p. 187, secs. 1-5; June 30, 1914, vol. 38, pp. 434-435, sec. 1</i>).— \$16,000.00		
(20) For the maintenance of the Montana National Bison Range and other reservations <i>and for the maintenance of game introduced into suitable locations</i> under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section 84 of the act approved Mar. 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," \$21,000, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations (<i>same acts</i>)— 21,000.00		
NOTE.—New language has been added to the above paragraph to provide for the maintenance of game introduced into suitable locations. This is to enable the department to properly maintain game already transported under previous appropriations acts, and to prevent the loss of funds expended on experiments which are otherwise doomed to failure.		
(21) For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying wolves, prairie dogs, and other animals injurious to agriculture and animal husbandry, and for investigations and experiments in connection with rearing of fur-bearing animals, including mink and marten, ["\$115,000"] <i>\$110,000: Provided, That of this sum \$15,000 shall be used for the destruction of ground squirrels on the national forests, and adjacent public lands [And provided further, That of this sum not more than \$5,000 may be used in investigating the disease of wild ducks in the Salt Lake Valley region of Utah;]</i> (<i>same acts</i>)— 110,000.00		
NOTE.—There is an apparent decrease in the above item of \$5,000. Under the plan of reorganization, the work on diseases of wild ducks has been transferred to the Bureau of Animal Industry, and the proviso in the above paragraph relating thereto should be omitted. New language has been added to extend the work for the destruction of ground squirrels to the public lands adjacent to the national forests. Heretofore this work has been confined to the national forests and the change permits it to be extended to adjacent public lands which act as nurseries for repopulating forests and adjacent private holdings.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Biological Survey—Continued.			
(22)	For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life [and crop] zones (<i>acts May 25, 1900, vol. 31, p. 187, secs. 1-5; June 30, 1914, vol. 38, pp. 434-435, sec. 1</i>)-----	\$26, 500. 00	
	[For the improvement of a game preserve in Sullys Hill National Park, in the State of North Dakota, \$5,000, the same to be available until expended. The Secretary of Agriculture is authorized to inclose the said park with a good and substantial fence, to construct thereon all sheds, buildings, and corrals necessary for the proper care and maintenance of the animals and birds therein, to erect a suitable headquarters, to construct and maintain roads, trails, and other structures necessary for the convenience of visitors, and to incur such other expenses as may be necessary for the proper maintenance of the preserve and the animals and birds placed therein. The Secretary of Agriculture is also authorized to place in the park buffaloes, elk, deer, and such other wild or rare animals and birds as he may in his discretion decide.]		
	NOTE.—The above paragraph should be omitted, as the money has already been appropriated for construction purposes. Cost of maintenance will be paid from the appropriation for maintenance of reservations.		
(23)	For all necessary expenses for enforcing the provisions of the act approved March 4, 1913 (37 Stat. L., pp. 847, 848), relating to the protection of migratory game and insectivorous birds, <i>including cooperation with local authorities in the protection of such birds, and for necessary investigations connected therewith (same acts)</i> -----	50, 000. 00	
	NOTE.—New language has been added to the above paragraph for cooperation with local authorities in the protection of insectivorous birds and for necessary investigations connected therewith. This change is to insure economy and efficiency in the work. Much of the work can be more cheaply done in cooperation with local authorities. Many of the men, at the same time, can collect special information regarding the distribution, habits, and food of migratory birds without interfering with their other work. At present these special investigations are conducted by other men, resulting in duplication of work.		
(24)	For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, [\$15,000] (<i>acts May 25, 1900, vol. 31, p. 187, secs. 1-5; June 30, 1914, vol. 38, pp. 434-435, sec. 1</i>)-----	13, 320. 00	
	NOTE.—There is an apparent decrease in the above item of \$1,680, due to the transfer of one preparator at \$1,200, and one messenger boy at \$480, to the statutory roll. The two paragraphs above have been transposed.		
In all, for general expenses-----		\$236, 820. 00	\$248, 500.00
Appropriations for 1906..... \$44, 420		Estimates for 1907.....	\$51, 920
Appropriations for 1907..... 44, 420		Estimates for 1908.....	55, 920
Appropriations for 1908..... 44, 420		Estimates for 1909.....	60, 170
Appropriations for 1909..... 54, 420		Estimates for 1910.....	90, 170
Appropriations for 1910..... 74, 420		Estimates for 1911.....	71, 520
Deficiency act..... 7, 700			
Appropriations for 1911..... 71, 520		Estimates for 1912.....	101, 000
Appropriations for 1912..... 115, 700		Estimates for 1913.....	108, 300
Appropriations for 1913..... 166, 300		Estimates for 1914.....	143, 000
Appropriations for 1914..... 141, 000		Estimates for 1915.....	233, 500
Appropriations for 1915..... 248, 500		Estimates for 1916.....	236, 820

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Game preservation, 1916, \$16,000.	Game preservation, 1914, \$16,000, and \$450 by transfer from administrative expenses, less \$250 by transfer to protection of migratory birds, and \$500 to biological investigations; total, \$15,700.		
Salaries..... \$8,750.00	Salaries..... \$10,871.66		
As follows:	As follows:		
In Washington—	In Washington—		
1 assistant in charge of game preservation, \$3,250.	1 assistant chief, \$3,250 (11 months).		
1 administrative assistant, \$2,500.	1 administrative assistant, \$2,500.		
	1 assistant biologist, \$1,800 (7½ months).		
	1 assistant biologist, \$1 per hour (250 hours).		
Out of Washington—	Out of Washington—		
1 inspector, \$2,000.	1 assistant warden, \$75 per month (10 months).		
9 agents, inspecting importations of foreign birds and mammals, at \$5 per inspection, \$1,000.	1 agent, \$1,500 (11 months).		
	1 field assistant, \$75 per month (7 months).		
	1 field assistant, \$100 per month (3½ months).		
	9 agents, inspecting importations of foreign birds and mammals, at \$5 per inspection.		
	1 inspector, inspecting importations of foreign birds and mammals, at \$5 per inspection.		
Traveling expenses..... 4,000.00	Traveling expenses..... 3,083.33		
Supplies and equipment..... 500.00	Supplies and equipment..... 205.33		
Miscellaneous expenses..... 2,750.00	Miscellaneous expenses..... 34.26		
Total estimate, 1916..... 16,000.00	Total expenditures, 1914..... 14,194.58		
Total appropriation, 1915..... 16,000.00			
Maintenance of mammal and bird reservations, 1916, \$18,500.	Maintenance of mammal and bird reservations, 1914, \$18,500, less \$500 by transfer to protection of migratory birds: total, \$18,000.		
Salaries..... \$13,360.00	Salaries..... \$9,724.50		
As follows:	As follows:		
Out of Washington—	Out of Washington—		
4 reservation inspectors, at \$1,500 each.	1 agent, \$1,500.		
1 reservation inspector, \$1,000.	1 agent, \$1,500 (10 months).		
1 warden, \$1,200.	1 reservation warden, \$1,500.		
2 wardens, at \$900 each.	1 inspector, \$600.		
6 wardens, at \$25 each per month.	1 reindeer herder, \$15 per month (9 months).		
6 wardens, at \$15 each per month.	1 unskilled laborer, \$40 per month.		
3 wardens, at \$25 each per month (4 months).	1 unskilled laborer, \$60 per month (2 months).		
3 wardens, at \$15 each per month (4 months).	6 wardens, at \$25 each per month.		
	1 warden, \$25 per month (9½ months).		
	1 warden, \$25 per month (6 months).		
	1 warden, \$25 per month (5 months).		
	1 warden, \$25 per month (4½ months).		
	2 wardens, at \$25 each per month (3 months).		
	2 wardens, at \$15 each per month.		
	1 warden, \$15 per month (11½ months).		
	1 warden, \$10 per month.		
	1 warden, \$1 per month.		
	1 assistant warden, \$75 per month (1 month).		
	2 assistant wardens, at \$25 each per month.		
	1 assistant warden, \$25 per month (3 months).		
	3 assistant wardens, at \$15 each per month (3 months).		
	1 assistant warden, \$15 per month (1 month).		
Traveling expenses..... 3,000.00	Traveling expenses..... 5,427.54		
Supplies and equipment..... 1,700.00	Supplies and equipment..... 1,721.50		
Miscellaneous expenses..... 440.00	Miscellaneous expenses..... 589.85		
Total estimate, 1916..... 18,500.00	Total expenditures, 1914..... 17,463.39		
Total appropriation, 1915..... 18,500.00			
Game for national reservations, 1916, \$2,500.	Game for national reservations, 1914, \$2,500, less \$250 by transfer to protection of migratory birds; total, \$2,250.		
Salaries..... \$250.00	Salaries.....		
As follows:	As follows:		
Out of Washington—	Out of Washington—		
Agents, temporarily employed, \$250.	None.		
Traveling expenses..... 750.00	Traveling expenses..... \$465.36		
Supplies and equipment..... 500.00	Supplies and equipment..... 84.44		
Miscellaneous expenses..... 1,000.00	Miscellaneous expenses..... 587.28		
Total estimate, 1916..... 2,500.00	Total expenditures, 1914..... 1,137.08		
Total appropriation, 1915..... 2,500.00			



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Biological Survey—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Food habits of birds and mammals, 1916, \$95,000.			
Salaries.....	\$42,720.00	Food habits of birds and mammals, 1914, \$45,000, and \$550 by transfer from administrative expenses, less \$175 by transfer to exterminating ground squirrels on national forests; total, \$45,375.	
As follows:		Salaries.....	\$30,083.99
In Washington—		As follows:	
1 assistant in charge of economic investigations, \$3,250.		In Washington—	
1 assistant in charge of economic ornithology, \$2,400.		1 assistant in charge of economic investigations, \$3,000.	
3 assistant biologists, at \$2,000 each.		1 assistant in charge of economic ornithology, \$2,400.	
1 scientific assistant, \$2,000 (9 months).		1 scientific assistant, \$2,000 (10 months).	
4 assistant biologists, at \$1,600 each.		2 assistant biologists, at \$2,000 each.	
1 assistant, \$900.		1 assistant biologist, \$2,000 (10 months).	
1 assistant in economic ornithology, \$900.		1 assistant biologist, \$1,600.	
1 preparator in entomology, \$720.		3 assistant biologists, at \$1,400 each.	
1 assistant, \$900.		1 assistant, \$900 (8½ months).	
		1 assistant in economic ornithology, \$900 (9½ months).	
		1 preparator in entomology, \$60 per month (3 months).	
		1 student assistant, \$25 per month (1 month).	
		1 student assistant, \$25 per month (2½ months).	
		1 clerk, \$1,000 (3 days).	
Out of Washington—		Out of Washington—	
2 agents, at \$1,200 each.		1 agent, \$105 per month (1 month).	
1 agent, \$1,000.		1 agent, \$1,000.	
1 field assistant, \$1,200 (6 months).		1 agent, \$105 per month (3 months).	
33 field assistants, at \$900 each (6 months).		2 agents, at \$100 each per month (9 months).	
1 agent, \$900.		1 agent, \$75 per month (6 months).	
		5 field assistants, at \$80 each per month (2½ months).	
		1 field assistant, \$80 per month (3 months).	
		4 field assistants, at \$80 each per month (2 months).	
		1 field assistant, \$80 per month (1 month).	
		5 field assistants, at \$80 each per month (½ month).	
		1 field assistant, \$80 per month (¾ month).	
		1 field assistant, \$75 per month (2½ months).	
		1 field assistant, \$120 per month (¼ month).	
		1 field assistant, \$65 per month (2½ months).	
		1 field assistant, \$100 per month (3½ months).	
		1 field assistant, \$85 per month (3 months).	
		1 field assistant, \$75 per month (3½ months).	
		1 field assistant, \$75 per month (3½ months).	
		3 field assistants, at \$75 each per month (3 months).	
		1 field assistant, \$75 per month (3 months).	
		1 field assistant, \$75 per month (3 months).	
		2 field assistants, at \$75 each per month (3 months).	
		4 field assistants, at \$75 each per month (2½ months).	
		1 field assistant, \$75 per month (¾ month).	
Traveling expenses.....	28,000.00	Traveling expenses.....	8,276.51
Supplies and equipment.....	19,280.00	Supplies and equipment.....	5,381.90
Miscellaneous expenses.....	5,000.00	Miscellaneous expenses.....	452.09
Total estimate, 1916.....	95,000.00	Total expenditures, 1914.....	44,194.49
Total appropriation, 1915.....	100,000.00		
Decrease (by transfer to Bureau of Animal Industry).....	5,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Bureau of Biological Survey—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Exterminating ground squirrels on national forests, 1916, \$15,000.	Exterminating ground squirrels on national forests, 1914, \$15,000, and \$175 by transfer from food habits of birds and mammals; total, \$15,175.		
Salaries..... \$8,450.00	Salaries..... \$8,069.18		
As follows:	As follows:		
In Washington—	In Washington—		
None.	1 scientific assistant, \$2,000 (2 months).		
Out of Washington—	1 assistant biologist, \$2,000 (2 months).		
1 scientific assistant, \$2,000 (3 months).	Out of Washington—		
1 assistant, \$1,200.	1 agent, \$105 per month (2 months).		
15 field assistants, at \$900 each (6 months).	1 field assistant, \$85 per month (2 months).		
	12 field assistants, at \$75 each per month (3 months).		
	1 field assistant, \$75 per month (4 months).		
	18 field assistants, at \$75 each per month (2 months).		
	1 field assistant, \$75 per month (1½ months).		
	2 field assistants, at \$75 each per month (1½ months).		
	1 field assistant, \$75 per month (1½ months).		
	1 field assistant, \$75 per month (1½ months).		
	1 field assistant, \$75 per month (1½ months).		
	1 field assistant, \$75 per month (1½ months).		
	2 field assistants, at \$75 each per month (1 month).		
	1 field assistant, \$75 per month (1 month).		
	2 field assistants, at \$75 each per month (1 month).		
	1 field assistant, \$75 per month (1½ months).		
Traveling expenses..... 3,650.00	Traveling expenses..... 4,431.41		
Supplies and equipment..... 2,400.00	Supplies and equipment..... 2,591.93		
Miscellaneous expenses..... 500.00	Miscellaneous expenses..... 51.02		
Total estimate, 1916..... 15,000.00	Total expenditures, 1914..... 15,143.54		
Total appropriation, 1915..... 15,000.00			
Biological investigations, 1916, \$26,500.	Biological investigations, 1914, \$15,000, and \$400 by transfer from administrative expenses, and \$500 from game preservation; total, \$15,900.		
Salaries..... \$17,361.50	Salaries..... \$11,418.85		
As follows:	As follows:		
In Washington—	In Washington—		
1 chief field naturalist, \$3,000.	1 assistant in charge, \$3,000 (9½ months).		
1 field naturalist, \$2,000.	1 chief field naturalist, \$3,000 (1 month).		
1 assistant biologist, \$2,200.	1 field naturalist, \$2,000.		
1 assistant biologist, \$2,000.	1 assistant biologist, \$2,000.		
1 assistant biologist, \$1,800.	1 assistant biologist, \$1,800 (2½ months).		
1 assistant biologist, \$1,400.	1 assistant biologist, \$1,800 (6 months).		
1 assistant ornithologist, \$1,800.	1 assistant biologist, \$1,500 (6 months).		
1 consulting biologist, \$10 per day when actually employed.	1 assistant biologist, \$1,400 (10 months).		
1 student assistant, \$25 per month (3 months).	1 preparator, \$1,200 (½ month).		
1 assistant, \$75 per month (2 months).	1 assistant, \$75 per month (2½ months).		
	1 consulting biologist, \$10 per day (9 days).		
	2 student assistants, at \$25 each per month (1 month).		
Out of Washington—	Out of Washington—		
1 field assistant, \$125 per month (4 months).	1 field assistant, \$100 per month (2 months).		
1 field assistant, \$125 per month (6 months).	1 field assistant, \$100 per month (2 months).		
1 field assistant, \$100 per month (4 months).	1 field assistant, \$100 per month (1 month).		
1 field assistant, \$75 per month (4½ months).	1 field assistant, \$125 per month (2 months).		
4 field assistants, at \$1 each per month (6 months).	1 field assistant, \$75 per month (2 months).		
	1 field assistant, \$100 per month (½ month).		
	1 field assistant, \$1 per month (1½ months).		
	1 field assistant, \$1 per month (5 months).		
	1 field assistant, \$1 per month (5½ months).		
	1 field assistant, \$1 per month (½ month).		
	1 assistant, \$75 per month (1 month).		
	1 field assistant, \$75 per month (2½ months).		
Traveling expenses..... 7,500.00	Traveling expenses..... 3,482.93		
Supplies and equipment..... 600.00	Supplies and equipment..... 829.17		
Miscellaneous expenses..... 1,038.50	Miscellaneous expenses..... 64.02		
Total estimate, 1916..... 26,500.00	Total expenditures, 1914..... 15,794.97		
Total appropriation, 1915..... 26,500.00			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Administrative expenses, 1916, \$13,320.	Administrative expenses, 1914, \$14,000, less \$550 by transfer to food habits of birds and mammals; \$400 to biological investigations, and \$450 to game preservation; total, \$12,600.		
Salaries..... \$3,250.00	Salaries..... \$8,377.17		
As follows:	As follows:		
In Washington—	In Washington—		
1 assistant chief, \$3,250.	1 assistant chief, \$3,250 (1 month).		
	1 chief field naturalist, \$3,000 (11 months).		
	1 assistant biologist, \$2,200 (11 months).		
	1 assistant biologist, \$1,400 (2 months).		
	1 assistant biologist, \$1,800 (2 months).		
	1 assistant, in charge of biological investigations, \$3,000 (2½ months).		
	1 preparator, \$1,200.		
	1 student assistant, \$25 per month (3½ months).		
	1 student assistant, \$25 per month (3½ months).		
	1 student assistant, \$25 per month (3 months).		
	1 student assistant, \$25 per month (1½ months).		
	1 student assistant, \$25 per month (1½ months).		
	1 student assistant, \$25 per month (1½ months).		
	1 charwoman, \$240 (1½ months).		
	1 messenger boy, \$480 (8½ months).		
	1 unskilled laborer, \$20 per month (½ month).		
	1 painter, \$900 (2 months).		
Out of Washington—	Out of Washington—		
None.	1 assistant warden, \$900 (1 month).		
Traveling expenses..... 1,000.00	Traveling expenses..... 373.25		
Supplies and equipment..... 2,550.00	Supplies and equipment..... 1,837.26		
Miscellaneous expenses..... 6,520.00	Miscellaneous expenses..... 828.59		
Total estimate, 1916..... 13,320.00	Total expenditures, 1914..... 11,416.27		
Total appropriation, 1915..... 15,000.00			
Decrease (by transfer of 1 preparator, \$1,200, and 1 messenger boy, \$480, to statutory roll)... 1,680.00			
Protection of migratory birds, 1916, \$50,000.	Protection of migratory birds, 1914, \$10,000, and \$250 by transfer from game preservation, \$500 from maintenance of mammal and bird reservations, and \$250 from game for national reservations; total, \$11,000.		
Salaries..... \$33,100.00	Salaries..... \$6,694.50		
As follows:	As follows:		
In Washington—	In Washington—		
1 assistant, in charge of migratory bird law, \$2,500.	None.		
Out of Washington—	Out of Washington—		
18 inspectors, at \$1,500 each.	6 inspectors, at \$125 each per month.		
300 cooperating wardens, at \$1 each per month.	1 chief warden, \$1 per month.		
	24 wardens, at \$1 each per month (9 months).		
	20 wardens, at \$1 each per month (8½ months).		
	21 wardens, at \$1 each per month (8 months).		
	13 wardens, at \$1 each per month (7 months).		
	7 wardens, at \$1 each per month (6½ months).		
	5 wardens, at \$1 each per month (6 months).		
	2 wardens, at \$1 each per month (5½ months).		
	20 wardens, at \$1 each per month (5 months).		
	17 wardens, at \$1 each per month (4½ months).		
	18 wardens, at \$1 each per month (4 months).		
	17 wardens, at \$1 each per month (3½ months).		
	5 wardens, at \$1 each per month (3 months).		
	6 wardens, at \$1 each per month (1½ months).		
	1 warden, \$1 per month (½ month).		
	5 game protectors, at \$1 each per annum (6 months).		
Traveling expenses..... 16,200.00	Traveling expenses..... 3,727.02		
Supplies and equipment..... 500.00	Supplies and equipment..... 118.25		
Miscellaneous expenses..... 200.00	Miscellaneous expenses..... 25.01		
Total estimate, 1916..... 50,000.00	Total expenditures, 1914..... 10,564.78		
Total appropriation, 1915..... 50,000.00			
Total for Bureau of Biological Survey (decrease of \$10,000).....		\$271,290.00	\$281,290.00



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
DIVISION OF ACCOUNTS AND DISBURSEMENTS.		
Salaries, Division of Accounts and Disbursements—		
(1) One chief of division and disbursing clerk (<i>R. S., p. 87, secs. 522, 523, act June 30, 1914, vol. 38, p. 435, sec. 1</i>)	\$4, 000. 00	
(2) One supervising auditor (<i>same acts</i>)	2, 250. 00	
(3) One cashier and chief clerk (<i>same acts</i>)	2, 250. 00	
(4) One deputy disbursing clerk (<i>same acts</i>)	2, 000. 00	
(5) One accountant and bookkeeper (<i>same acts</i>)	2, 000. 00	
(6) Two clerks, class 4 (<i>same acts</i>)	3, 600. 00	
(7) Four clerks, class 3 (<i>same acts</i>)	6, 400. 00	
(8) Five clerks, class 2 (decrease of 1 by transfer to statutory roll of Secretary's office) (<i>same acts</i>)	7, 000. 00	
(9) Five clerks, class 1 (<i>same acts</i>)	6, 000. 00	
(10) Four clerks, at \$1,000 each (<i>same acts</i>)	4, 000. 00	
(11) Three clerks, at \$900 each (<i>same acts</i>)	2, 700. 00	
(12) One custodian of records and files (<i>same acts</i>)	1, 400. 00	
(13) One messenger (<i>same act</i>)	720. 00	
(14) One messenger or messenger boy (<i>same acts</i>)	600. 00	
Appropriations for 1906..... \$32, 210	Estimates for 1907..... \$32, 410	
Appropriations for 1907..... 32, 210	Estimates for 1908..... 41, 790	
Appropriations for 1908..... 41, 790	Estimates for 1909..... 46, 490	
Appropriations for 1909..... 46, 690	Estimates for 1910..... 56, 090	
Appropriations for 1910..... 61, 490	Estimates for 1911..... 61, 490	
Appropriations for 1911..... 79, 990	Estimates for 1912..... 98, 470	
Appropriations for 1912..... 97, 520	Estimates for 1913..... 104, 620	
Appropriations for 1913..... 104, 620	Estimates for 1914..... 104, 170	
Appropriations for 1914..... 104, 370	Estimates for 1915..... 59, 920	
Appropriations for 1915..... 46, 320	Estimates for 1916..... 44, 920	
NOTE.—Apparent decrease, \$1,400; no actual decrease. This apparent decrease is due to the transfer of 1 clerk, class 2, to the Office of the Secretary.		
Total for Division of Accounts and Disbursements (decrease of \$1,400) ..	\$44. 920. 00	\$46, 320. 00
DIVISION OF PUBLICATIONS.		
Salaries, Division of Publications—		
(1) One editor, who shall be chief of division (<i>R. S., p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 435, sec. 1</i>)	3, 250. 00	
(2) One editor, who shall be assistant chief of division (<i>same acts</i>)	2, 500. 00	
(3) One chief clerk (<i>same acts</i>)	2, 000. 00	
(4) Two assistant editors, at \$2,000 each (<i>same acts</i>)	4, 000. 00	
(5) Four assistant editors, at \$1,800 each (<i>same acts</i>)	7, 200. 00	
(6) One assistant editor (<i>same acts</i>)	1, 600. 00	
(7) One assistant editor (<i>same acts</i>)	1, 400. 00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Division of Publications—Continued.</i>		
(9) One indexer (<i>R. S.</i> , p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 435, sec. 1) -----	\$1, 400. 00	
(10) One assistant in charge of illustrations (<i>same acts</i>) -----	2, 100. 00	
(11) One motion-picture photographer (by transfer from emergency roll of Secretary's office, which roll has not been correspondingly reduced) (<i>same acts</i>) -----	1, 600. 00	
NOTE.—The motion-picture photographer mentioned above has been transferred from the emergency roll of the Secretary's office, but the appropriation of that office has not been correspondingly reduced, as it is very small and the full amount of the appropriation will be needed during the next fiscal year for temporary emergency employments.		
(12) One motion-picture photographer (by transfer from emergency roll of Secretary's office, which roll has not been correspondingly reduced) (<i>same acts</i>) -----	1, 400. 00	
NOTE.—The motion-picture photographer mentioned above has been transferred from the emergency roll of the Secretary's office, but the appropriation of that office has not been correspondingly reduced, as it is very small and the full amount of the appropriation will be needed during the next fiscal year for temporary emergency employments.		
(13) One draftsman or photographer (<i>same acts</i>) -----	1, 600. 00	
(14) Two draftsmen or photographers, at \$1,500 each (<i>same acts</i>) -----	3, 000. 00	
(15) One draftsman or photographer (<i>same acts</i>) -----	1, 400. 00	
(16) One draftsman or photographer (<i>same acts</i>) -----	1, 300. 00	
(17) Six draftsmen or photographers, at \$1,200 each (<i>same acts</i>) -----	7, 200. 00	
(18) One assistant photographer (<i>same acts</i>) -----	900. 00	
(19) One assistant in charge of document section (<i>same acts</i>) -----	2, 000. 00	
(20) One assistant in document section (<i>same acts</i>) -----	1, 800. 00	
(21) One foreman, miscellaneous distribution (<i>same acts</i>) -----	1, 500. 00	
(22) One forewoman (<i>same acts</i>) -----	1, 400. 00	
(23) One clerk, class 3 (<i>same acts</i>) -----	1, 600. 00	
(24) One clerk, class 2 (<i>same acts</i>) -----	1, 400. 00	
(25) Nine clerks, class 1 (<i>same acts</i>) -----	10, 800. 00	
(26) Sixteen clerks, at \$1,000 each (increase of 1 by transfer from statutory roll of Secretary's office) (<i>same acts</i>) -----	16, 000. 00	
(27) Forty clerks, at \$900 each (<i>same acts</i>) -----	36, 000. 00	
(28) Eighteen clerks, at \$840 each (<i>same acts</i>) -----	15, 120. 00	
(29) Two skilled laborers, at \$900 each (<i>same acts</i>) -----	1, 800. 00	
(30) Eight skilled laborers, at \$840 each (<i>same acts</i>) -----	6, 720. 00	
(31) Four skilled laborers, at \$780 each (<i>same acts</i>) -----	3, 120. 00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	
<i>Salaries, Division of Publications—Continued.</i>			
(32) Sixteen skilled laborers, at \$720 each (<i>R. S. p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 435, sec. 1</i>)-----	\$11, 520. 00		
(33) One chief folder (in lieu of 2 laborers, at \$600 each, omitted as below) (<i>same acts</i>) -----	1, 200. 00		
NOTE.—While this appears as a new place, the expense is offset by omitting 2 laborers at \$600 each. The services of this employee will be supervisory and are needed to more efficiently conduct the work of the division.			
(34) One folder (in lieu of 1 chief folder, at \$1,000, change of title) (<i>same acts</i>)-----	1, 000. 00		
(35) Two folders, at \$900 each (<i>same acts</i>)-----	1, 800. 00		
(36) Two skilled laborers, at \$1,100 each (<i>same acts</i>)-----	2, 200. 00		
(37) One skilled laborer (<i>same acts</i>)-----	1, 000. 00		
(38) Two messengers, at \$840 each (<i>same acts</i>)-----	1, 680. 00		
(39) Two messengers, at \$720 each (<i>same acts</i>)-----	1, 440. 00		
(40) Three messengers or messenger boys, at \$600 each (<i>same acts</i>)----	1, 800. 00		
(41) Two messengers or messenger boys, at \$480 each (<i>same acts</i>)-----	960. 00		
(42) Two messengers or messenger boys, at \$420 each (<i>same acts</i>)----	840. 00		
(43) Two messengers or messenger boys, at \$360 each (<i>same acts</i>)----	720. 00		
(44) One laborer (<i>same acts</i>)-----	840. 00		
【Two laborers, at \$600 each--\$1, 200】			
NOTE.—Two laborers, at \$600 each omitted. Changed to 1 chief folder, at \$1,200, as above.			
(45) Four charwomen, at \$480 each (<i>same acts</i>)-----	1, 920. 00		
(46) Three charwomen, at \$240 each (<i>same acts</i>)-----	720. 00		
Appropriations for 1906.....	\$114, 370	Estimates for 1907.....	\$120, 370
Appropriations for 1907.....	116, 270	Estimates for 1908.....	128, 650
Appropriations for 1908.....	126, 550	Estimates for 1909.....	141, 830
Appropriations for 1909.....	139, 710	Estimates for 1910.....	141, 980
Appropriations for 1910.....	173, 450	Estimates for 1911.....	172, 730
Appropriations for 1911.....	172, 730	Estimates for 1912.....	177, 510
Appropriations for 1912.....	179, 960	Estimates for 1913.....	181, 110
Appropriations for 1913.....	194, 700	Estimates for 1914.....	165, 810
Appropriations for 1914.....	166, 410	Estimates for 1915.....	171, 090
Appropriations for 1915.....	170, 750	Estimates for 1916.....	174, 750
NOTE.—Apparent increase, \$4,000; actual increase, \$3,000, as follows:			
<i>Transfers from lump fund for extra labor of Secretary's Office, which fund has not been correspondingly reduced.</i>			
1 motion picture photographer.....	\$1, 600		
1 motion picture photographer.....	1, 400		
Actual increase.....	\$3, 000		
<i>Transfer from Statutory Roll of Office of Secretary, which has been correspondingly reduced.</i>			
1 clerk.....	1, 000		
Apparent increase.....	4, 000		
<i>Change of title.</i>			
2 laborers, at \$600 each changed to 1 chief folder, at \$1,200.			
1 chief folder, at \$1,000 changed to 1 folder, at \$1,000.			
	\$174, 750. 00	\$170, 750. 00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Division of Publications—</i>			
(47)	For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:		
(48)	For labor-saving machinery, including necessary supplies (<i>act June 30, 1914, vol. 38, p. 435, sec. 1</i>)	\$2, 000. 00	
(49)	For envelopes, stationery, and materials (<i>same act</i>)	6, 000. 00	
(50)	For office furniture and fixtures (<i>same act</i>)	1, 000. 00	
(51)	For photographic equipment and for photographic materials and artists' tools and supplies (<i>same act</i>)	6, 000. 00	
(52)	For telephone and telegraph service and freight and express charges (<i>same act</i>)	250. 00	
(53)	For wagons, bicycles, horses, harness, and maintenance of the same (<i>same act</i>)	500. 00	
(54)	For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for (<i>same act</i>)	3, 000. 00	
In all, for general expenses		\$18, 750. 00	\$18, 750. 00

Appropriations for 1906.....	\$132, 250	Estimates for 1907.....	\$133, 750
Appropriations for 1907.....	132, 250	Estimates for 1908.....	40, 000 ¹
Appropriations for 1908.....	35, 000	Estimates for 1909.....	40, 000
Appropriations for 1909.....	40, 000	Estimates for 1910.....	70, 000
Appropriations for 1910.....	33, 000	Estimates for 1911.....	30, 000
Appropriations for 1911.....	30, 000	Estimates for 1912.....	30, 000
Appropriations for 1912.....	30, 000	Estimates for 1913.....	25, 000
Appropriations for 1913.....	25, 000	Estimates for 1914.....	18, 250
Appropriations for 1914.....	18, 250	Estimates for 1915.....	18, 750
Appropriations for 1915.....	18, 750	Estimates for 1916.....	18, 750

¹ Beginning with 1908 Farmers' Bulletins provided for under printing and binding in the sundry civil bill.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Labor-saving material and machinery, 1916, \$2,000.		Labor-saving material and machinery, 1914, \$1,500, and \$150 by transfer from miscellaneous expenses; total, \$1,650.	
Supplies and equipment.....	\$1, 980. 00	Supplies and equipment.....	\$1, 636. 25
Miscellaneous expenses.....	20. 00	Miscellaneous expenses.....	5. 48
Total estimate, 1916.....	2, 000. 00	Total expenditures, 1914.....	1, 641. 73
Total appropriation, 1915.....	2, 000. 00		
Stationery and materials, 1916, \$6,000.		Stationery and materials, 1914, \$6,000.	
Supplies and equipment.....	\$6, 000. 00	Supplies and equipment.....	\$5, 972. 71
Total estimate, 1916.....	6, 000. 00	Total expenditures, 1914.....	5, 972. 71
Total appropriation, 1915.....	6, 000. 00		
Furniture and fixtures, 1916, \$1,000.		Furniture and fixtures, 1914, \$1,000.	
Supplies and equipment.....	\$1, 000. 00	Supplies and equipment.....	\$988. 94
Total estimate, 1916.....	1, 000. 00	Total expenditures, 1914.....	988. 94
Total appropriation, 1915.....	1, 000. 00		
Photographic equipment, 1916, \$6,000.		Photographic equipment, 1914, \$6,000, and \$350 by transfer from miscellaneous expenses; total, \$6,350.	
Supplies and equipment.....	\$5, 975. 00	Supplies and equipment.....	\$6, 292. 32
Miscellaneous expenses.....	25. 00	Miscellaneous expenses.....	9. 09
Total estimate, 1916.....	6, 000. 00	Total expenditures, 1914.....	6, 301. 41
Total appropriation, 1915.....	6, 000. 00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Division of Publications—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Communication and transportation service, 1916, \$250.	Communication and transportation service, 1914, \$250.		
Miscellaneous expenses..... \$250.00	Miscellaneous expenses..... \$213.54		
Total estimate, 1916..... 250.00	Total expenditures, 1914..... 213.54		
Total appropriation, 1915..... 250.00			
Wagons, horses, etc., 1916, \$500.	Wagons, horses, etc., 1914, \$500.		
Supplies and equipment..... \$500.00	Supplies and equipment..... \$282.02		
Total estimate, 1916..... 500.00	Total expenditures, 1914..... 282.02		
Total appropriation, 1915..... 500.00			
Miscellaneous expenses, 1916, \$3,000.	Miscellaneous expenses, 1914, \$3,000, less \$150 transferred to labor-saving machinery and \$350 to photographic equipment; total, \$2,500.		
Traveling expenses..... \$100.00	Traveling expenses..... \$97.56		
Supplies and equipment..... 2,150.00	Supplies and equipment..... 1,638.61		
Miscellaneous expenses..... 750.00	Miscellaneous expenses..... 589.57		
Total estimate, 1916..... 3,000.00	Total expenditures, 1914..... 2,325.74		
Total appropriation, 1915..... 3,000.00			
Total for Division of Publications (increase of \$4,000).....		\$193,500.00	\$189,500.00
BUREAU OF CROP ESTIMATES.			
<i>Salaries, Bureau of Crop Estimates—</i>			
(1) One statistician, who shall be chief of bureau (<i>R. S., p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 436, sec. 1</i>).....	\$4,000.00		
(2) One chief clerk (<i>same acts</i>).....	1,800.00		
(3) Six clerks, class 4 (<i>same acts</i>).....	10,800.00		
(4) Nine clerks, class 3 (<i>same acts</i>).....	14,400.00		
(5) Fourteen clerks, class 2 (<i>same acts</i>).....	19,600.00		
(6) One clerk (<i>same acts</i>).....	1,300.00		
(7) Nineteen clerks, class 1 (increase of 1 by transfer from Secretary's office) (<i>same acts</i>).....	22,800.00		
(8) Seventeen clerks, at \$1,000 each (<i>same acts</i>).....	17,000.00		
(9) Twenty-one clerks, at \$900 each (<i>same acts</i>).....	18,900.00		
(10) Two messengers, at \$840 each (<i>same acts</i>).....	1,680.00		
(11) Two messengers or laborers, at \$720 each (<i>same acts</i>).....	1,440.00		
(12) Two messengers, messenger boys, or laborers, at \$660 each (<i>same acts</i>).....	1,320.00		
(13) One messenger, messenger boy, or laborer (<i>same acts</i>).....	480.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Bureau of Crop Estimates—Continued.</i>		
(14) One charwoman, messenger, or laborer (<i>R. S., p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 436, sec. 1</i>)-----	\$540. 00	
(15) Two charwomen, messenger boys, or laborers, at \$360 each (<i>same acts</i>)-----	720. 00	\$116, 780. 00
Appropriations for 1906..... \$97, 660	Estimates for 1907..... \$97, 660	
Appropriations for 1907..... 97, 660	Estimates for 1908..... 97, 340	
Appropriations for 1908..... 97, 040	Estimates for 1909..... 96, 440	
Appropriations for 1909..... 96, 640	Estimates for 1910..... 104, 580	
Appropriations for 1910..... 103, 860	Estimates for 1911..... 104, 700	
Appropriations for 1911..... 104, 700	Estimates for 1912..... 109, 670	
Appropriations for 1912..... 108, 720	Estimates for 1913..... 111, 720	
Appropriations for 1913..... 112, 380	Estimates for 1914..... 115, 880	
Appropriations for 1914..... 115, 380	Estimates for 1915..... 114, 180	
Appropriations for 1915..... 115, 580	Estimates for 1916..... 116, 780	\$115, 580.00

NOTE.—Apparent increase, \$1,200; no actual increase. This apparent increase is due to the transfer of 1 clerk, class I, from the Office of the Secretary.

General Expenses, Bureau of Crop Estimates—

- (16) For all necessary expenses for collecting, compiling, abstracting, analyzing, summarizing, and interpreting data relating to [agricultural industries] *agriculture*; for making and publishing periodically crop and live-stock estimates, including acreage, yield, and value of farm products, as follows:

NOTE.—The substitution of the word “agriculture” for “agricultural industries” is proposed to more accurately describe the work.

- Salaries and employment of labor in the city of Washington and elsewhere, *travel*, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses [\$24,700] (*act June 30, 1914, vol. 38, p. 436, sec. 1*)

26, 300. 00

NOTE.—There is an increase in the above item of \$1,600, as follows:

- (a) \$1,000 is needed for travel from Washington for the purpose of inspecting and supervising the field service, of selecting and instructing new State agents and crop reporters, and of conducting special investigations supplementary to the regular field work in areas of serious crop damage, abnormal acreage changes, etc.
(b) \$600 additional will be needed for expenses for supplies, telegraph, etc., essential to the efficient prosecution of the Bureau's work.

- (18) Salaries, travel, *supplies*, and other necessary expenses of employees out of the city of Washington engaged in field investigations [\$135,300] (*same act*)

148, 356. 00

NOTE.—There is an increase in the above item of \$13,056, as follows:

- (a) \$1,608 for salary of one additional crop specialist to devote his entire time exclusively to investigation of areas planted and prospective production of fruit, in close cooperation with the Office of Markets and Rural Organization. This important special crop, because of its highly intensified and localized nature, can not be estimated with any degree of accuracy by the regular field agents.
(b) \$11,448 additional for travel, station and field expenses. The funds available for this purpose, under the present appropriation, average only approximately \$1,388 for each of the present field force. This is wholly inadequate. To enable the agents to cover their respective territories effectively during the crop season, an allowance of \$1,650 for each of the field agents and \$1,800 for each of the crop specialists is, therefore, estimated for the next fiscal year as not only desirable but necessary for the proper prosecution of the work.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Bureau of Crop Estimates—Continued.</i>		
[That hereafter the powers conferred and the duties imposed by law on the Bureau of Statistics of the Department of Agriculture shall be exercised and performed by the Bureau of Crop Estimates.]		
NOTE.—The above provision should be omitted as it is permanent legislation.		
In all, for general expenses	\$174, 656. 00	\$160, 000.00
Appropriations for 1906..... \$98, 800	Estimates for 1907..... \$118, 800	
Appropriations for 1907..... 112, 900	Estimates for 1908..... 127, 900	
Appropriations for 1908..... 122, 900	Estimates for 1909..... 142, 900	
Appropriations for 1909..... 125, 000	Estimates for 1910..... 136, 200	
Appropriations for 1910..... 117, 060	Estimates for 1911..... 115, 620	
Appropriations for 1911..... 115, 620	Estimates for 1912..... 124, 900	
Appropriations for 1912..... 122, 900	Estimates for 1913..... 128, 300	
Appropriations for 1913..... 128, 300	Estimates for 1914..... 128, 300	
Appropriations for 1914..... 128, 300	Estimates for 1915..... 186, 500	
Appropriations for 1915..... 160, 000	Estimates for 1916..... 174, 656	
Statement submitted in conformity with the requirements of sec. 19 of the sundry civil act approved Aug. 1, 1914.		
Administrative expenses, 1916, \$26,300.	Administrative expenses and special investigations, 1914, \$27,200.	
Salaries..... \$18, 664.00	Salaries..... \$13, 662.50	
As follows:	As follows:	
In Washington—	In Washington—	
1 assistant chief of bureau, \$3,264.	1 assistant statistician and acting chief of bureau, \$3,000.	
1 statistical scientist, \$3,504.	1 statistical scientist, \$3,500.	
1 chief, division of crop reports, \$2,760.	2 statistical scientists, at \$2,500 each.	
2 statistical scientists, at \$2,520 each.	1 statistical scientist, \$2,000.	
1 chief, division of crop records, \$2,256.	1 skilled laborer, \$25 per month (6½ months).	
1 assistant chief, division of crop reports, \$2,040.	Traveling expenses..... 1, 852.25	
Traveling expenses..... 1, 000.00	Supplies and equipment..... 9, 800.18	
Supplies and equipment..... 4, 261.00	Miscellaneous expenses..... 1, 621.01	
Miscellaneous expenses..... 2, 175.00	Total expenditures, 1914..... 26, 935.94	
Total estimates, 1916..... 26, 300.00		
Total appropriation, 1915..... 24, 700.00		
Increase..... 1, 600.00		
Field investigations, 1916, \$148,356.	Special field agents and State statistical agents, 1914, \$101,100.	
Salaries..... \$76, 740.00	Salaries..... \$63, 979.97	
As follows:	As follows:	
Out of Washington—	Out of Washington—	
2 field agents, at \$2,256 each.	1 special field agent, \$2,250.	
8 field agents, at \$2,016 each.	2 special field agents, at \$2,000 each.	
6 field agents, at \$1,800 each.	6 special field agents, at \$1,800 each.	
23 field agents, at \$1,608 each.	1 special field agent, \$1,800 (10½ months).	
1 crop specialist, \$2,400.	2 special field agents, at \$1,600 each.	
1 crop specialist, \$1,800.	1 special field agent, \$1,600 (11 months).	
2 crop specialists, at \$1,608 each.	3 special field agents, at \$1,400 each.	
1 special agent, \$900.	2 special field agents, at \$1,400 each (1 month).	
	1 special field agent, \$1,400 (4½ months).	
	1 special field agent, \$1,400 (11½ months).	
	1 special field agent, \$1,200.	
	1 special field agent, \$150 per month (6 months).	
	1 crop specialist, \$2,000.	
	1 crop specialist, \$1,600.	
	1 crop specialist, \$1,400.	
	1 State statistical agent, \$1,100.	
	2 State statistical agents, at \$900 each.	
	1 State statistical agent, \$900 (11½ months).	
	7 State statistical agents, at \$800 each.	
	1 State statistical agent, \$800 (9½ months).	
	1 State statistical agent, \$720.	
	1 State statistical agent, \$700 (11½ months).	
	1 State statistical agent, \$700 (9½ months).	
	1 State statistical agent, \$700 (11½ months).	
	1 State statistical agent, \$660.	
	2 State statistical agents, at \$650 each.	
	8 State statistical agents, at \$600 each.	
	1 State statistical agent, \$600 (5 months).	
	1 State statistical agent, \$550.	
	6 State statistical agents, at \$500 each.	
	1 State statistical agent, \$360.	
	1 State statistical agent, \$360 (11½ months).	
	1 State statistical agent, \$350.	
	10 State statistical agents, at \$300 each.	
Traveling expenses..... 69, 100.00	Traveling expenses..... 33, 751.28	
Supplies and equipment..... 2, 000.00	Supplies and equipment..... 250.00	
Miscellaneous expenses..... 516.00	Miscellaneous expenses..... 250.00	
Total estimate, 1916..... 148, 356.00	Total expenditures, 1914..... 97, 981.25	
Total appropriation, 1915..... 135, 300.00		
Increase..... 13, 056.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
LIBRARY, DEPARTMENT OF AGRICULTURE.			
Salaries, Library, Department of Agriculture—			
(1)	One librarian (<i>R. S.</i> , p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 436, sec. 1) -----	\$2, 000. 00	
(2)	One clerk, class 3 (<i>same acts</i>) -----	1, 600. 00	
(3)	One clerk, class 2 (<i>same acts</i>) -----	1, 400. 00	
(4)	Five clerks, class 1 (increase of 1 by transfer from lump fund) (<i>same acts</i>) -----	6, 000. 00	
(5)	Three clerks, at \$1,080 each (<i>same acts</i>) -----	3, 240. 00	
(6)	Six clerks, at \$1,000 each (<i>same acts</i>) -----	6, 000. 00	
(7)	Five clerks, at \$900 each (<i>same acts</i>) -----	4, 500. 00	
(8)	One clerk (<i>same acts</i>) -----	840. 00	
(9)	One junior library assistant, messenger, or messenger boy (in lieu of 1 junior library assistant, or messenger) (<i>same acts</i>) -----	720. 00	
NOTE.—This change in title is for administrative reasons; it will permit of the employment of either a junior library assistant, a messenger, or a messenger boy.			
(10)	One junior library assistant or messenger boy (<i>submitted</i>) -----	660. 00	
NOTE.—This new place is urgently recommended on account of an increase in the work of the Library.			
(11)	Three junior library assistants, or messenger boys, at \$600 each (<i>R. S.</i> , p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 436, sec. 1) -----	1, 800. 00	
(12)	One messenger, messenger boy, or laborer (<i>same acts</i>) -----	480. 00	
(13)	One charwoman (<i>same acts</i>) -----	480. 00	
		<hr/>	
		\$29, 720. 00	\$27, 860. 00
<div>Appropriations for 1906..... \$13, 000</div> <div>Appropriations for 1907..... 15, 880</div> <div>Appropriations for 1908..... 15, 880</div> <div>Appropriations for 1909..... 18, 080</div> <div>Appropriations for 1910..... 19, 320</div> <div>Appropriations for 1911..... 19, 920</div> <div>Appropriations for 1912..... 25, 000</div> <div>Appropriations for 1913..... 25, 780</div> <div>Appropriations for 1914..... 27, 020</div> <div>Appropriations for 1915..... 27, 860</div> <div>Estimates for 1907..... \$15, 880</div> <div>Estimates for 1908..... 17, 730</div> <div>Estimates for 1909..... 18, 080</div> <div>Estimates for 1910..... 20, 160</div> <div>Estimates for 1911..... 19, 920</div> <div>Estimates for 1912..... 23, 000</div> <div>Estimates for 1913..... 27, 650</div> <div>Estimates for 1914..... 29, 520</div> <div>Estimates for 1915..... 27, 860</div> <div>Estimates for 1916..... 29, 720</div>			
NOTE.—Apparent increase, \$1,860; actual increase, \$660, as follows:			
New place.			
1 junior library assistant or messenger boy.....		\$660	
Actual increase.....		\$660	
Transfer from lump fund of the library.			
1 clerk, class 1.....		1, 200	
Apparent increase.....		1, 860	
Change of title.			
1 junior library assistant, or messenger, at \$720, changed to 1 junior library assistant, messenger, or messenger boy at \$720.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Library—</i>			
(14) For books and periodicals of reference, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library equipment, including furniture and fixtures, library cards, supplies, and for all other necessary expenses [other material], \$17,500: <i>Provided, That hereafter the Secretary of Agriculture may exchange books and periodicals of the library, not needed for permanent use, for other books and periodicals (act June 30, 1914, vol. 38, p. 436, sec. 1)</i>		\$17, 500. 00	\$17, 500. 00
Appropriations for 1906.....	\$8,040	Estimates for 1907.....	\$10,000
Appropriations for 1907.....	10,000	Estimates for 1908.....	12,500
Appropriations for 1908.....	12,500	Estimates for 1909.....	17,500
Appropriations for 1909.....	15,500	Estimates for 1910.....	16,500
Appropriations for 1910.....	16,500	Estimates for 1911.....	15,400
Appropriations for 1911.....	15,400	Estimates for 1912.....	15,500
Appropriations for 1912.....	15,500	Estimates for 1913.....	15,500
Appropriations for 1913.....	15,500	Estimates for 1914.....	16,500
Appropriations for 1914.....	16,500	Estimates for 1915.....	17,500
Appropriations for 1915.....	17,500	Estimates for 1916.....	17,500
<p>NOTE.—No apparent increase; actual increase, \$1,200, as 1 clerk at \$1,200 has been transferred to the statutory roll. This increase is necessary in order that the library may keep pace with the growth of the department and the greatly increased volume of current scientific literature and that it may more adequately meet the increasing demands that are made upon it from year to year. Some minor verbal changes have also been made in the language of the law in order that it may better cover the needs of the library. A proviso has also been added to enable the library to exchange books and periodicals not needed for permanent use for books and periodicals which are needed. This is desirable, as the library receives a considerable amount of material which is not necessary in the work of the department but which is of value. It would be an advantage for the library to be able to exchange this material for other material which is needed.</p>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
General expenses, library, 1916, \$17,500.		General expenses, library, 1914, \$16,500.	
Salaries.....	\$	Salaries.....	\$1,410. 18
As follows:		As follows:	
In Washington—		In Washington—	
None.		1 scientific assistant in library science,	
		\$1,140 (2½ months).	
		1 scientific assistant in library science,	
		\$1,000 (3½ months).	
		1 scientific assistant in library science,	
		\$720 (½ month).	
		1 junior library assistant, \$600 (4½ months).	
		1 messenger boy, \$600 (2½ months).	
		1 messenger boy, \$480 (1½ months).	
		1 unskilled laborer, \$480 (½ month).	
		1 charwoman, \$480 (3 months).	
		1 messenger boy, \$360 (5½ months).	
		1 charwoman, \$240 (7½ months).	
Traveling expenses.....	200. 00	Traveling expenses.....	
Supplies and equipment.....	17, 200. 00	Supplies and equipment.....	14,955. 99
Miscellaneous expenses.....	100. 00	Miscellaneous expenses.....	
Total estimate, 1916.....	17, 500. 00	Total expenditures, 1914.....	16, 366. 17
Total appropriation, 1915.....	17, 500. 00		
NOTE.—As 1 clerk, \$1,200, has been transferred to the statutory roll, there is an actual increase of \$1,200.			
Total for library (increase of \$1,860).....		47, 220. 00	45, 360. 00



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	
MISCELLANEOUS EXPENSES.			
Miscellaneous Expenses, Department of Agriculture—			
(1) For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings, grounds, and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, [\$110,000] \$115,000, of which sum \$5,000 shall be immediately available (act June 30, 1914, vol. 38, p. 436, sec. 1)	\$115,000.00	\$110,000.00	
Appropriations for 1906.....	\$37,000	Estimates for 1907.....	\$37,000
Appropriations for 1907.....	37,000	Estimates for 1908.....	47,000
Appropriations for 1908.....	47,000	Estimates for 1909.....	78,200
Appropriations for 1909.....	86,200	Estimates for 1910.....	70,000
Appropriations for 1910.....	80,000	Estimates for 1911.....	100,000
Appropriations for 1911.....	100,000	Estimates for 1912.....	110,000
Appropriations for 1912.....	110,000	Estimates for 1913.....	96,066
Appropriations for 1913.....	106,066	Estimates for 1914.....	106,066
Appropriations for 1914.....	106,066	Estimates for 1915.....	110,000
Appropriations for 1915.....	110,000	Estimates for 1916.....	115,000

NOTE.—There is an increase in the above item of \$5,000, and it is desired that it be made immediately available. With the completion of the new office building on B Street Southwest various shifts of the units of the department, including the library, will be necessary. These shifts involve considerable work in properly establishing units in new quarters and necessitate expense for miscellaneous supplies and materials incident thereto. Absolutely necessary repairs to Laboratory B, owned by the Government, will have to be made, a new boiler will have to be installed in the power house to take the place of one which is worn out and dangerous, and with the growth of the department routine repair work necessarily increases. For these reasons it is believed that the small increase asked for should be allowed and should be made immediately available in order that the work outlined, which is necessary to the practical and efficient operation of the department, may be started at the earliest practicable date.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914

Miscellaneous expenses, Department of Agriculture, 1916, \$115,000.	Contingent expenses, Department of Agriculture, 1914, \$106,066.																																				
<table> <tr><td>Salaries.....</td><td>\$600.00</td></tr> <tr><td>As follows:</td><td></td></tr> <tr><td>Out of Washington—</td><td></td></tr> <tr><td>1 dispatch agent, \$600.</td><td></td></tr> <tr><td>Traveling expenses.....</td><td>2,000.00</td></tr> <tr><td>Supplies and equipment.....</td><td>92,400.00</td></tr> <tr><td>Miscellaneous expenses.....</td><td>20,000.00</td></tr> <tr><td>Total estimate, 1916.....</td><td>115,000.00</td></tr> <tr><td>Total appropriation, 1915.....</td><td>110,000.00</td></tr> <tr><td>Increase.....</td><td>5,000.00</td></tr> </table>	Salaries.....	\$600.00	As follows:		Out of Washington—		1 dispatch agent, \$600.		Traveling expenses.....	2,000.00	Supplies and equipment.....	92,400.00	Miscellaneous expenses.....	20,000.00	Total estimate, 1916.....	115,000.00	Total appropriation, 1915.....	110,000.00	Increase.....	5,000.00	<table> <tr><td>Salaries.....</td><td>\$600.00</td></tr> <tr><td>As follows:</td><td></td></tr> <tr><td>Out of Washington—</td><td></td></tr> <tr><td>1 dispatch agent, \$600.</td><td></td></tr> <tr><td>Traveling expenses.....</td><td>679.13</td></tr> <tr><td>Supplies and equipment.....</td><td>91,227.45</td></tr> <tr><td>Miscellaneous expenses.....</td><td>12,882.20</td></tr> <tr><td>Total expenditures, 1914.....</td><td>105,388.78</td></tr> </table>	Salaries.....	\$600.00	As follows:		Out of Washington—		1 dispatch agent, \$600.		Traveling expenses.....	679.13	Supplies and equipment.....	91,227.45	Miscellaneous expenses.....	12,882.20	Total expenditures, 1914.....	105,388.78
Salaries.....	\$600.00																																				
As follows:																																					
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Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
[RENT IN THE DISTRICT OF COLUMBIA.]		
[Rent of buildings, Department of Agriculture:]—		
[For rent of buildings and parts of buildings in the District of Columbia for use of the various bureaus, divisions, and offices of the Department of Agriculture, namely:]		
[For Bureau of Animal Industry, \$2,220:]		
[For Bureau of Plant Industry, \$26,420:]		
[For Forest Service, \$25,075:]		
[For Bureau of Chemistry, \$17,320:]		
[For Bureau of Soils, \$306:]		
[For Division of Publications, \$5,000:]		
[For Office of Solicitor, \$2,160:]		
[For Office of Experiment Stations, \$5,000:]		
[For Office of Public Roads, \$3,500:]		
[For additional rent in cases of emergency for any bureau, division, or office of the department, \$21,328:]		
[In all, \$108,329.]		
<i>Rent in the District of Columbia.</i>		
<i>Rent of buildings, Department of Agriculture—</i>		
(1) <i>For rent of buildings and parts of buildings in the District of Columbia, for use of the various bureaus, divisions, and offices of the Department of Agriculture, \$123,689: Provided, That the Secretary of Agriculture shall submit annually to Congress in his estimates of appropriations a statement showing what proportion of this appropriation is paid for the quarters occupied by the various branches of the department (act June 30, 1914, vol. 38, p. 437, sec. 1)</i>	\$123,689.00	\$108,329.00

Appropriations for 1913.....	\$95,329	Estimates for 1913.....	\$95,329
Appropriations for 1914.....	98,329	Estimates for 1914.....	95,329
Appropriations for 1915.....	108,329	Estimates for 1915.....	115,829
		Estimates for 1916.....	123,689

NOTE.—There is an apparent increase in the above item of \$15,360, but as \$10,360 has been transferred from the Office of Markets and Rural Organization, and that fund reduced accordingly, the actual increase is \$5,000. This is necessary to provide additional quarters for various units of the department which are now greatly overcrowded and rapidly outgrowing their present accommodations. Consolidation of the various items for rent of the Department of Agriculture into one sum is recommended in the belief that this will promote flexibility in the shifting of bureaus from Government-owned buildings to rented buildings and vice versa. With the completion of the new office building on B Street SW. various shifts of the units of the department will be necessary. The proposed reorganization of the department will also call for a shifting of certain branches, as, for example, the transfer of Irrigation and Drainage to the Office of Public Roads and Rural Engineering. The contract for the rental of a given building is of course one transaction. If the payment of the rental is made by the several bureaus occupying such building, the accounting work of the department is unnecessarily complicated. Consolidation of the rent items into one fund will simplify accounting and in no way increase the expense to the department. The amount of rental paid for each unit will, of course, be

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
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Rent of buildings, Department of Agriculture—Continued.

reported to Congress as heretofore in the estimates. The consolidation is therefore recommended in the interest of flexibility and simplicity.

For statement of buildings and parts of buildings in the District of Columbia rented by the Department of Agriculture, see Appendix B, in the Book of Estimates.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Rent of buildings, Department of Agriculture, 1916, \$123,689.	Rent of buildings, Department of Agriculture, 1914, \$98,329.
Rent (lump-sum appropriation)..... \$123,689.00 Total estimate, 1916..... 123,689.00 Total appropriation, 1915..... 108,329.00 Increase..... 15,360.00	Rent for the following bureaus: Plant Industry..... \$29,199.67 Forest Service..... 25,075.00 Solicitor..... 2,160.00 Animal Industry..... 5,032.50 Entomology..... 1,345.38 Soils..... 600.00 Roads..... 3,644.00 Publications..... 5,000.00 Insecticide and Fungicide Board..... 3,000.00 Experiment Stations..... 5,000.00 Chemistry..... 17,320.00 Statistics..... 403.12 Miscellaneous repairs..... 372.16 Total expenditures, 1914..... 98,201.83

[OFFICE OF EXPERIMENT STATIONS] STATES RELATIONS SERVICE.

NOTE.—Under the plan for the reorganization of the department it is proposed to establish a States Relations Service to have charge of all the business of the department relating to the agricultural colleges and experiment stations. This will include the work of the present Office of Experiment Stations (exclusive of irrigation and drainage investigations transferred to the Office of Public Roads and Rural Engineering) and the farmers' cooperative demonstration work transferred from the Bureau of Plant Industry. The name of this office has therefore been changed from the Office of Experiment Stations to the States Relations Service to better describe the work.

Salaries, [Office of Experiment Stations] States Relations Service—

- | | |
|--|------------|
| (1) One director (<i>R. S.</i> , p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 437, sec. 1) | \$4,500.00 |
| (2) One chief clerk (<i>same acts</i>) | 2,000.00 |
| (3) One financial clerk (<i>same acts</i>) | 2,000.00 |

NOTE.—The following places have been transferred to the Office of Public Roads and Rural Engineering: 1 draftsman, \$1,920; 1 clerk or editorial clerk, \$1,600; 1 clerk or editorial clerk, \$1,200; 1 clerk or draftsman, \$1,200; and 1 clerk or draftsman, \$900.

- | | |
|---|----------|
| (4) One clerk or proof reader (<i>same acts</i>) | 1,800.00 |
| (5) One clerk or editorial clerk (<i>same acts</i>) | 1,400.00 |
| (6) Three clerks, class 4 (increase of 3 by transfer from statutory roll of Bureau of Plant Industry, and decrease of 1 by transfer to Office of Public Roads and Rural Engineering, making net increase of 2) (<i>same acts</i>) | 5,400.00 |
| (7) Two clerks, class 3 (decrease of 1 by transfer to Office of Public Roads and Rural Engineering) (<i>same acts</i>) | 3,200.00 |

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, [Office of Experiment Stations] States Relations Service—Continued.</i>		
(8) One clerk (<i>R. S.</i> , p. 87, secs. 522, 523; act June 30, 1914, vol. 38, p. 437, sec. 1)	\$1,500.00	
(9) Six clerks, class 2 (increase of 2 by transfer from statutory roll of Bureau of Plant Industry, increase of 1 by transfer from lump fund for farmers' institutes, and decrease of 1 by transfer to Office of Public Roads and Rural Engineering, making net increase of 2) (<i>same acts</i>)	8,400.00	
(10) Seventeen clerks, class 1 (increase of 4 by transfer from statutory and 5 from lump-fund rolls of Bureau of Plant Industry, and 1 from lump fund for home economics work, and decrease of 1 by transfer to Office of Public Roads and Rural Engineering, making net increase of 9) (<i>same acts</i>)	20,400.00	
(11) Sixteen clerks, at \$1,000 each (increase of 7 by transfer from statutory roll, 3 from lump-fund roll of Bureau of Plant Industry, and decrease of 2 by transfer to Office of Public Roads and Rural Engineering, making net increase of 8) (<i>same acts</i>) ..	16,000.00	
(12) Eighteen clerks, at \$900 each (increase of 5 by transfer from statutory and 2 from lump-fund rolls of Bureau of Plant Industry, 1 from lump fund for miscellaneous expenses, and decrease of 2 by transfer to Office of Public Roads and Rural Engineering, making net increase of 6) (<i>same acts</i>)	16,200.00	
(13) Seven clerks, at \$840 each (6 by transfer from statutory and 1 from lump-fund rolls of Bureau of Plant Industry) (<i>same acts</i>) ..	5,880.00	
(14) Six clerks, at \$720 each (by transfer from statutory roll of Bureau of Plant Industry) (<i>same acts</i>)	4,320.00	
(15) One clerk or photographer (by transfer from lump fund of Bureau of Plant Industry) (<i>same acts</i>)	720.00	
(16) Two messengers, messenger boys, or laborers, at \$600 each (decrease of 1 by transfer to Office of Public Roads and Rural Engineering) (<i>same acts</i>)	1,200.00	
(17) Nine messengers, messenger boys, or laborers, at \$480 each (increase of 3 by transfer from statutory and 1 from lump-fund rolls of Bureau of Plant Industry, 1 from lump fund for miscellaneous expenses, and decrease of 1 by transfer to Office of Public Roads and Rural Engineering, making net increase of 4) (<i>same acts</i>)	4,320.00	
(18) Two messengers, messenger boys, or laborers, at \$300 each (by transfer from statutory and lump-fund rolls of Bureau of Plant Industry) (<i>same acts</i>)	600.00	
(19) One skilled laborer (<i>same acts</i>)	900.00	
(20) Three laborers or charwomen, at \$480 each (decrease of 1 by transfer to Office of Public Roads and Rural Engineering) (<i>same acts</i>)	1,440.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
Salaries, [Office of Experiment Stations] States Relations Service—Continued.		
(21) Four laborers or charwomen, at \$240 each (decrease of 1 by transfer to Office of Public Roads and Rural Engineering) (R. S., p. 87, secs, 522, 532; act June 30, 1914, vol, 38, p. 437, sec. 1) -----	\$960.00	
Appropriations for 1906..... \$29,040		\$103, 140.00
Appropriations for 1907..... 29,160		\$68, 840.00
Appropriations for 1908..... 31,220		
Appropriations for 1909..... 34,620		
Appropriations for 1910..... 39,260		
Appropriations for 1911..... 46,180		
Appropriations for 1912..... 56,500		
Appropriations for 1913..... 58,240		
Appropriations for 1914..... 66,160		
Appropriations for 1915..... 68,840		
Estimates for 1907..... \$29,160		
Estimates for 1908..... 31,220		
Estimates for 1909..... 34,620		
Estimates for 1910..... 39,480		
Estimates for 1911..... 46,180		
Estimates for 1912..... 56,500		
Estimates for 1913..... 59,840		
Estimates for 1914..... 66,740		
Estimates for 1915..... 68,840		
Estimates for 1916..... 103, 140		
NOTE.—Apparent increase, \$34,300; no actual increase.		
Transfers from various funds of the Bureau of Plant Industry, which funds have been correspondingly reduced.		
3 clerks, class 4, from statutory roll.....	\$5,400	
2 clerks, class 2, from statutory roll.....	2,800	
4 clerks, class 1, from statutory roll.....	4,800	
5 clerks, class 1, from lump-fund rolls.....	6,000	
7 clerks, at \$1,000 each, from statutory roll.....	7,000	
3 clerks, at \$1,000 each, from lump-fund rolls.....	3,000	
5 clerks, at \$900 each, from statutory roll.....	4,500	
2 clerks, at \$900 each, from lump-fund rolls.....	1,800	
6 clerks, at \$840 each, from statutory roll.....	5,040	
1 clerk, from lump-fund roll.....	840	
6 clerks, at \$720 each, from statutory roll.....	4,320	
1 clerk or photographer, from lump-fund roll.....	720	
3 messengers, messenger boys, or laborers, at \$480 each, from statutory roll.....	1,440	
1 messenger, messenger boy, or laborer, from lump-fund roll...	480	
2 messengers, messenger boys, or laborers, at \$300 each, from statutory and lump-fund rolls.....	600	
	\$48,740	
Transfers from lump funds of this service, which funds have been correspondingly reduced.		
1 clerk, class 2, from farmers' institutes.....	\$1,400	
1 clerk, class 1, from home-economics work.....	1,200	
1 clerk, from miscellaneous expenses.....	900	
1 messenger, messenger boy, or laborer, from miscellaneous expenses.....	480	
	3,980	
	\$52,720	
Transfers to statutory roll of Office of Public Roads and Rural Engineering.		
1 draftsman.....	\$1,920	
1 clerk or editorial clerk.....	1,600	
1 clerk or editorial clerk.....	1,200	
1 clerk or draftsman.....	1,200	
1 clerk or draftsman.....	900	
1 clerk, class 4.....	1,800	
1 clerk, class 3.....	1,600	
1 clerk, class 2.....	1,400	
1 clerk, class 1.....	1,200	
2 clerks, at \$1,000 each.....	2,000	
2 clerks, at \$900 each.....	1,800	
1 messenger, messenger boy, or laborer.....	600	
1 messenger, messenger boy, or laborer.....	480	
1 laborer or charwoman.....	480	
1 laborer or charwoman.....	240	
	18,420	
Apparent increase.....	34,300	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses [Office of Experiment Stations], States Relations Service—</i>		
(22) To carry into effect the provisions of an act approved March 2, 1887, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an act approved July 2, 1862, and of the acts supplementary thereto," the sums apportioned to the several States and Territories, to be paid quarterly in advance ..	\$720, 000. 00	
(23) To carry into effect the provisions of an act approved March 16, 1906, entitled "An act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000: <i>Provided</i> , That not to exceed \$15,000 shall be paid to each State and Territory under this act ..	720, 000. 00	
(24) To enable the Secretary of Agriculture to enforce the provisions of the above acts and the act approved May 8, 1914, entitled "An act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an act of Congress approved July 2, 1862, and of acts supplementary thereto, and the United States Department of Agriculture," relative to their administration, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, [\$50,500] <i>\$59,500</i> , and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above acts, ascertain whether the expenditures are in accordance with their provisions, <i>coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said acts</i> , and make report thereon to Congress: <i>Provided</i> , That of this amount \$20,100 may be used for general administrative expenses connected with the lines of work of the States Relations Service, including the offices of the director, the chief clerk, the officers in charge of publications, library, accounts, records, supplies, and property, and for miscellaneous expenses incident thereto: And provided further, That hereafter all correspondence, bulletins, and reports for the furtherance of the purposes of the act approved May 8, 1914, entitled "An act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an act of Congress approved July 2, 1862, and the acts supplementary thereto, and the United States Department of Agriculture," may be transmitted in the mails of the United States free of charge for postage, under such regulations as the Postmaster General, from time to time, may prescribe, by such college officer or other person connected with the extension department of such college as the Secretary of Agriculture may designate to the Postmaster General ..	59, 500. 00	

NOTE.—There is an apparent increase of \$9,000 in the item above for administering the acts of Mar. 2, 1887, Mar. 16, 1906, and May 8, 1914. This does not, however, represent an increase in the total amount of appropriation for the States Relations Service since deductions have been made from the various lines of work connected with the service in order to provide a fund for general administrative expenses. Such a fund, as a separate item, is considered essential to the proper conduct of the administrative work and is set forth as new language in the above paragraph. This apparent increase represents the following amounts, which have been deducted from the lump funds of this service:

Demonstration work outside the cotton belt.....	\$4, 000
Farmers' cooperative demonstration work.....	4, 000
Farmers' institutes.....	1, 000
Home economics work.....	1, 380

Total increase.....	10, 380
Less transfers to statutory roll of employees at present on lump fund for general expenses (1 clerk at \$900 and 1 messenger at \$480).....	1, 380
	9, 000

1000
1000
1000
1000
1000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses [Office of Experiment Stations], States Relations Service—Con.</i>		
<p>It is estimated that, in addition to the \$9,000 referred to above, there will be required for the administrative expenses of the general offices of the States Relations Service approximately \$11,100, or \$20,100 in all, this being the amount estimated as used annually for the expenses of the general offices of the Office of Experiment Stations.</p> <p>The words "coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said acts" have been added to the above paragraphs. This is needed to give the States Relations Service explicit authority to make such arrangements with the department bureaus and the State agricultural colleges and experiment stations as will coordinate their work along similar lines, prevent duplication, and secure greater economy in the use of public funds.</p>		
<p>(25) <i>For farmers' cooperative demonstration work outside of the cotton belt, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses [\$400,000]</i></p>	\$386, 080. 00	
<p>NOTE.—Under the plan of reorganization the above item has been transferred to this bureau from the Bureau of Plant Industry, the appropriation of that bureau having been correspondingly reduced. There is an apparent decrease in the item of \$13,920 due to transfers, as follows:</p>		
<p>Salaries transferred to statutory roll of this bureau..... \$9, 920 Amount transferred to fund for general administrative expenses..... 4, 000 13, 920</p>		
<p>(26) <i>For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, [\$673,240]</i> \$666,020: <i>Provided, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State</i></p>	666, 020. 00	
<p>NOTE.—Under the plan of reorganization the above item has been transferred to this bureau from the Bureau of Plant Industry and the appropriation of that bureau correspondingly reduced. There is an apparent decrease in the item of \$7,200 due to transfers, as follows:</p>		
<p>Salaries transferred to statutory roll of this bureau..... \$3, 220 Amount transferred to fund for general administrative expenses..... 4, 000 7, 220</p>		
<p>(27) <i>To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses [\$23,000]</i></p>	20, 600. 00	
<p>NOTE.—There is an apparent decrease of \$2,400 in the above item due to transfers, as follows:</p>		
<p>1 clerk, class 2, transferred to statutory roll of this bureau..... \$1, 400 Amount transferred to fund for general administrative expenses..... 1, 000 2, 400</p>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

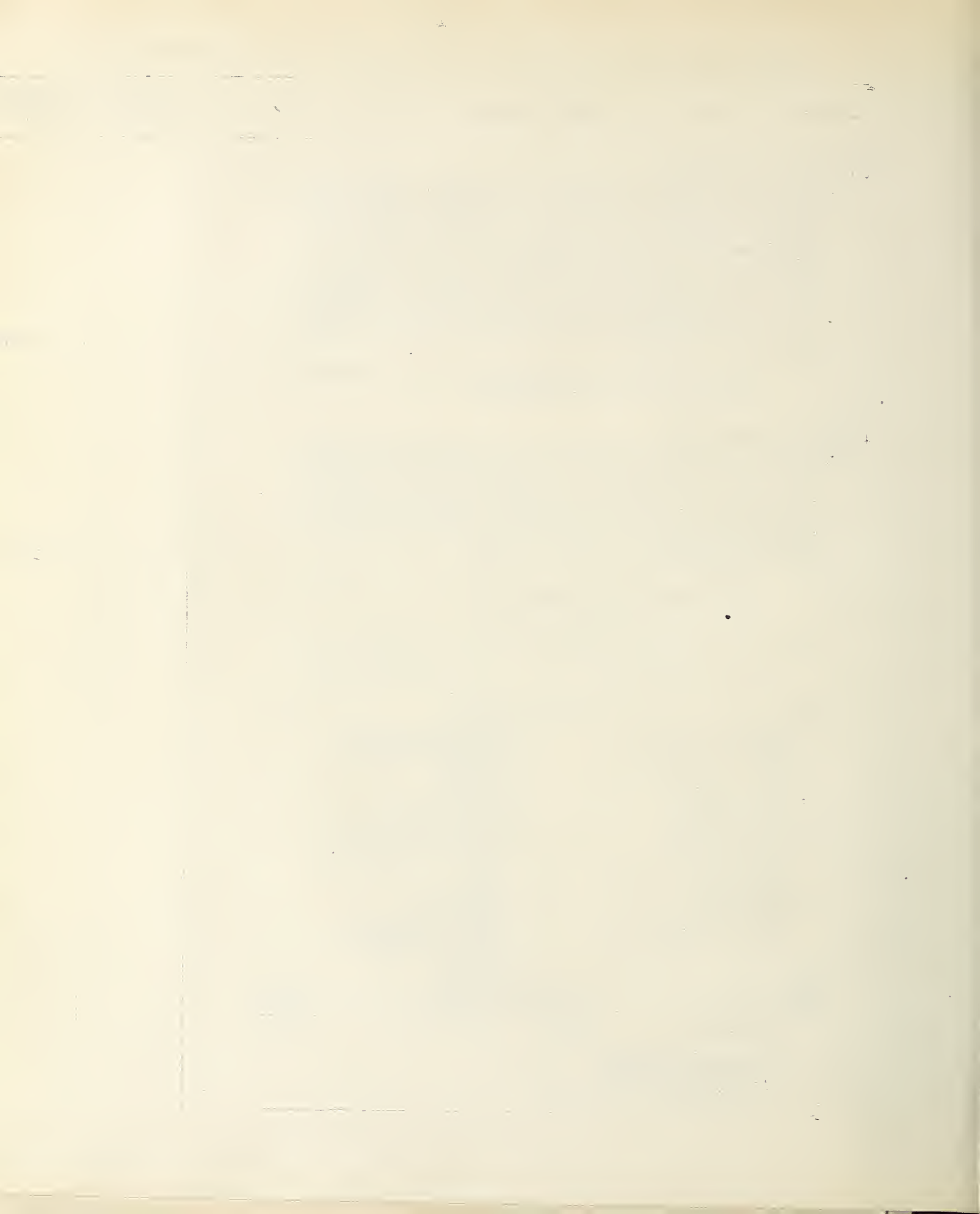
General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses [Office of Experiment Stations], States Relations Service—Con.</i>		
(28) To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, \$120,000, as follows: Alaska, \$40,000; Hawaii, \$35,000; Porto Rico, \$30,000; and Guam, \$15,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, and this fund shall be available until used: <i>Provided</i> , That of the sum herein appropriated for the experiment station in Hawaii \$5,000 may be used in agricultural extension work in Hawaii	\$120, 000. 00	
NOTE.—The two paragraphs above have been transposed.		
(29) To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses [\$25,760]	26, 500. 00	
NOTE.—The above paragraph appears as a new item, but the work was formerly provided for in this bureau in a separate appropriation under the title "Nutrition investigations." It is now proposed to include it among the items under general expenses of this bureau, and the title "Nutrition investigations" has been omitted as unnecessary, as it is not properly descriptive of all the work provided for in this item. There is an apparent increase of \$740, but an actual increase of \$3,320. Under the plan of reorganization \$3,320 has been transferred to this bureau from the lump fund of farm management of the Bureau of Plant Industry covering a project previously carried on by that bureau, and transfers have been made from this appropriation to other appropriations in this bureau amounting to \$2,580, as follows:		
1 clerk, class 1, transferred to statutory roll of this bureau.....\$1, 200 Amount transferred to fund for general administrative expenses..... 1, 380 2, 580		
In all, for general expenses (<i>acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; June 7, 1888, vol. 25, p. 176, sec. 1; July 18, 1888, vol. 25, p. 534, sec. 1; Mar. 16, 1906, vol. 34, p. 63, secs. 2, 3; June 30, 1914, vol. 38, pp. 437-438, sec. 1</i>)	\$2,718,700.00	\$1,633,500.00
Appropriations for 1903..... 1\$794,660 Appropriations for 1907..... 803,500 Appropriations for 1908..... 827,000 Appropriations for 1909..... 843,000 Appropriations for 1910..... 863,800 Appropriations for 1911..... 852,400 Appropriations for 1912..... 2 1,592,500 Appropriations for 1913..... 1,599,160 Appropriations for 1914..... 1,613,500 Appropriations for 1915..... 1,633,500	Estimates for 1907..... \$813,120 Estimates for 1908..... 842,000 Estimates for 1909..... 846,995 Estimates for 1910..... 863,800 Estimates for 1911..... 862,400 Estimates for 1912..... 2 1,622,500 Estimates for 1913..... 1,604,160 Estimates for 1914..... 1,615,500 Estimates for 1915..... 1,615,255 Estimates for 1916..... 3 2,718,700	
1 Beginning with 1905, salaries provided for separately on a statutory roll. 2 Includes \$720,000 previously carried in the Adams Act for additional aid to State experiment stations. 3 Includes \$1,073,240 for farmers' cooperative demonstrations previously carried in Plant Bureau.		
[Nutrition Investigations]—		
[To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$25,760]		25, 760. 00
NOTE.—Under the plan of reorganization this item has been transferred to general expenses of the States Relations Service as above		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
【Irrigation Investigations】— 【To enable the Secretary of Agriculture to investigate and report upon the laws of the States and Territories as affecting irrigation and the rights of appropriators, and of riparian proprietors and institutions relating to irrigation, and upon the use of irrigation water at home and abroad, with especial suggestions of the best methods for the utilization of irrigation waters in agriculture, and upon the use of different kinds of power and appliances for irrigation, and for the preparation and illustration of reports and bulletins on irrigation, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, supplies, and all necessary expenses, \$106,400】		\$106, 400.00
NOTE.—Under the plan of reorganization this item has been transferred to the Office of Public Roads and Rural Engineering.		
【Drainage Investigations】— 【To enable the Secretary of Agriculture to investigate and report upon the drainage of swamp and other wet lands which may be made available for agricultural purposes, and to prepare plans for the removal of surplus waters by drainage from such lands, and for the preparation and illustration of reports and bulletins on drainage, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, supplies, and all necessary expenses, \$96,280】		96, 280.00
NOTE.—Under the plan of reorganization this item has been transferred to the Office of Public Roads and Rural Engineering.		

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Miscellaneous expenses, 1916, \$59,500.	Miscellaneous expenses, 1914, \$40,500.
Salaries..... \$45,720.00	Salaries..... \$33,014.50
As follows:	As follows:
In Washington—	In Washington—
1 chief and editor, Office of Experiment Stations, \$4,000.	1 assistant director and editor, \$4,000.
2 chiefs of division, at \$3,000 each.	2 chiefs of division, at \$3,000 each.
1 scientific and administrative assistant, \$3,000.	1 chief of division, \$2,700 (3 months).
1 assistant agriculturist, \$2,400.	1 assistant agriculturist, \$2,400.
2 specialists, at \$2,220 each.	1 specialist, \$2,220.
3 specialists, at \$1,800 each.	1 specialist, \$2,000.
1 specialist, \$1,620.	2 scientific assistants, at \$2,000 each.
1 scientific assistant, \$2,220.	1 specialist, \$1,800.
1 scientific assistant, \$2,000.	2 specialists, at \$1,620 each.
1 scientific assistant, \$1,800.	1 scientific assistant, \$1,620.
1 scientific assistant, \$1,200.	1 scientific assistant, \$1,620 (3 months).
1 assistant, \$1,980.	1 assistant in charge of library, \$1,500.
1 assistant in agricultural education, \$1,800 (6 months).	1 scientific assistant, \$1,200.
1 assistant in charge of library, \$1,680.	1 stenographer and typewriter, \$900 (3 months).
3 clerks, at \$900 each.	1 stenographer and typewriter, \$900 (6 months).
2 charwomen, at \$240 each.	1 messenger boy, \$480.
Assistants for temporary service, \$2,500, estimated.	1 charwoman, \$240.
1 clerk or property clerk, \$1,400.	1 painter, \$75 per month (½ month).
	1 cabinetmaker, \$1,020 (½ month).
	1 skilled laborer, \$840 (½ month).
	1 unskilled laborer, \$1.50 per diem (temporary).
Out of Washington—	Out of Washington—
None.	1 collaborator, \$300 (3 months).
Traveling expenses..... 5,000.00	Traveling expenses..... 2,400.40
Supplies and equipment..... 5,000.00	Supplies and equipment..... 3,718.00
Miscellaneous expenses..... 3,780.00	Miscellaneous expenses..... 253.83
Total estimate, 1916..... 59,500.00	Total expenditures, 1914..... 39,386.73
Total appropriation, 1915..... 50,500.00	
Increase (by transfers of \$10,380 from other lump funds for general administrative expenses, less \$1,380 to cover salaries of 2 employees transferred to statutory roll)..... 9,000.00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Farmers' cooperative demonstrations outside the cotton belt, 1916, \$386,080.	Farmers' cooperative demonstrations outside the cotton belt, 1914.	
Salaries..... \$334,681.00		
As follows:		
In Washington—		
1 chief of extension work in the North-		
ern and Western States, \$3,250.		
2 agriculturists, at \$3,000 each.		
1 agriculturist, at \$2,760.		
2 agriculturists, at \$2,700 each.		
1 agriculturist, \$2,280.		
1 agriculturist, \$2,250.		
1 agriculturist, \$1,980.		
1 scientific assistant, \$2,100.		
1 scientific assistant, \$1,620.		
1 executive clerk, \$2,000.		
1 clerk, class 3.		
1 laborer, \$300.		
Out of Washington—		
1 agriculturist, \$2,400.		
1 agriculturist, \$2,100.		
2 agriculturists, at \$2,000 each.		
1 agriculturist, \$1,500.		
1 assistant agriculturist, \$2,000.		
1 assistant agriculturist, \$1,500.		
1 assistant agriculturist, \$1,300.		
1 assistant agriculturist, \$1,200.		
1 assistant agriculturist, \$800.		
1 scientific assistant, \$1,620.		
2 scientific assistants, at \$1,440 each.		
1 scientific assistant, \$1,400.		
3 scientific assistants, at \$1,200 each.		
1 scientific assistant, \$1,020.		
1 agent, \$2,460.		
1 agent, \$1,980.		
1 agent, \$1,950.		
1 agent, \$1,920.		
1 agent, \$1,860.		
1 agent, \$1,750.		
1 agent, \$1,740.		
1 agent, \$1,700.		
1 agent, \$1,650.		
1 agent, \$1,550.		
14 agents, at \$1,500 each.		
3 agents, at \$1,400 each.		
4 agents, at \$1,300 each.		
60 agents, at \$1,200 each.		
3 agents, at \$1,100 each.		
1 agent, \$1,080.		
9 agents, at \$1,000 each		
1 agent, \$950.		
9 agents, at \$900 each.		
1 agent, \$850.		
3 agents, at \$800 each.		
5 agents, at \$750 each.		
3 agents, at \$720 each.		
1 agent, \$675.		
3 agents, at \$625 each.		
158 agents, at \$600 each.		
1 agent, \$575.		
14 agents, at \$500 each.		
8 agents, at \$480 each.		
2 agents, at \$400 each.		
1 agent, \$360.		
23 agents, at \$300 each.		
2 agents, at \$120 each.		
1 agent, \$250.		
136 collaborators, at \$1 each per annum.		
10 collaborating clerks, at \$300 each.		
1 collaborating clerk, \$270.		
1 agent and agronomist, \$750.		
1 State organizer, \$1,000.		
1 State director, \$800.		
Traveling expenses.....		
Supplies and equipment.....		
Miscellaneous expenses.....		
Total estimate, 1916.....		
Total appropriation, 1915.....		
Decrease (\$9,920 to cover salaries of em-		
ployees transferred to statutory roll,		
and \$4,000 to "miscellaneous ex-		
penses" for general administration).		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
Farmers' cooperative demonstrations, 1916, \$666,020.	Farmers' cooperative demonstrations, 1914, \$375,000 (less \$1,500 by transfer to other lump funds of the Bureau of Plant Industry; total, \$373,500).	
Salaries..... \$546,991.00	Salaries..... \$287,945.92	
As follows:	As follows:	
In Washington—	In Washington—	
1 chief of extension work in the Southern States, \$4,000.	1 special agent in charge, \$4,000.	
1 agriculturist and general assistant, \$3,500.	1 agriculturist and general assistant, \$3,250.	
1 agriculturist, \$2,750.	1 agriculturist, \$2,750.	
3 agriculturists and field agents, at \$2,640 each.	2 agriculturists and field agents, at \$2,640 each.	
1 agriculturist and field agent, \$2,520.	1 agriculturist and field agent, \$2,400.	
1 agriculturist and field agent, \$2,400.	1 agriculturist and field agent, \$2,200.	
1 agent, \$2,000.	2 agents, at \$2,000 each.	
1 assistant in farmers' cooperative demonstration work, \$1,800.	1 assistant in farmers' cooperative demonstration work, \$1,800.	
1 agent, \$1,600.	1 assistant farm superintendent, \$1,440.	
2 clerks, class 2.	1 stenographer and typewriter, \$1,000.	
1 clerk, \$900.	1 clerk, \$1,000.	
2 typewriters, at \$720 each.	1 clerk and typewriter, \$840.	
1 messenger boy, \$300.	1 clerk, \$720.	
6 skilled laborers, at \$300 each.	4 typewriters, at \$720 each.	
1 charwoman, \$240.	1 skilled laborer, \$720.	
	1 laboratory aid in physics, \$600.	
	1 messenger boy, \$480.	
	5 skilled laborers, at \$300 each.	
	1 charwoman, \$240.	
Out of Washington—	Out of Washington—	
2 agents, at \$2,500 each.	1 agent, \$2,500.	
4 agents, at \$2,200 each.	6 agents, at \$2,200 each.	
1 agent, \$2,080.	1 agent, \$2,080.	
5 agents, at \$2,000 each.	1 special agent, \$2,000.	
12 agents, at \$1,800 each.	2 agents, at \$2,000 each.	
2 agents, at \$150 each per month.	12 agents, at \$1,800 each.	
1 special agent, \$1,820.	1 agent, \$137.50 per month.	
1 agent, \$137.50 per month.	3 agents, at \$1,620 each.	
7 agents, at \$1,620 each.	6 agents, at \$1,500 each.	
2 agents, at \$1,600 each.	4 agents, at \$125 each per month.	
7 agents, at \$1,500 each.	1 agent, \$1,400.	
1 agent, \$1,400.	3 agents, at \$1,380 each.	
3 agents, at \$125 each per month.	1 special agent, \$1,320.	
3 agents, at \$1,380 each.	1 agent, \$110 per month.	
1 agent, \$115 per month.	4 agents, at \$1,200 each.	
1 agent, \$1,350.	6 agents, at \$100 each per month.	
1 special agent, \$1,320.	1 agent, \$87.50 per month.	
2 agents, at \$110 each per month.	2 agents, at \$1,000 each.	
1 agent, \$1,300.	10 agents, at \$900 each.	
16 agents, at \$1,200 each.	1 stenographer and typewriter, \$900.	
12 agents, at \$100 each per month.	3 agents, at \$75 each per month.	
1 agent, \$1,150.	12 agents, at \$67.50 each per month.	
1 agent, \$1,100.	1 agent, \$800.	
1 agent, \$90 per month.	1 special agent, \$65 per month.	
1 agent, \$87.50 per month.	1 agent, \$65 per month.	
1 agent, \$85 per month.	7 agents, at \$750 each.	
5 agents, at \$1,000 each.	1 agent, \$62.50 per month.	
1 agent, \$80.55 per month.	9 agents, at \$60 each per month.	
14 agents, at \$900 each.	1 agent, \$700.	
87 agents, at \$75 each per month.	4 agents, at \$675 each.	
7 agents, at \$70 each per month.	3 stenographers and typewriters, at \$600 each.	
15 agents, at \$67.50 each per month.	35 agents, at \$600 each.	
4 agents, at \$800 each.	4 agents, at \$56.25 each per month.	
2 agents, at \$66.67 each per month.	1 agent, \$55 per month.	
1 special agent, \$65 per month.	5 agents, at \$52.50 each per month.	
2 agents, at \$65 each per month.	1 special agent, at \$50 per month.	
4 agents, at \$750 each.	89 agents, at \$50 each per month.	
12 agents, at \$62.50 each per month.	6 collaborating clerks, at \$25 each per month.	
14 agents, at \$60 each per month.	1 collaborating clerk, \$20 per month.	
2 agents, at \$700 each.	1 collaborating clerk, \$17.50 per month.	
5 agents, at \$675 each.	5 collaborating clerks, at \$15 each per month.	
1 agent, \$57 per month.	1 collaborating clerk, \$144.	
2 agents, at \$56.25 each per month.	7 collaborating clerks, at \$10 each per month.	
17 agents, at \$55 each per month.	500 collaborators, at \$1 each per annum.	
11 agents, at \$52.50 each per month.	248 agents, special agents, and collaborators, at \$144 to \$540 each per annum.	
1 agent, \$625.	NOTE.—Many of these agents were employed for only part of the time. The rate of salary shown was the rate paid when actually employed.	
1 agent, \$600.		
1 stenographer and typewriter, \$600.		
1 special agent, \$50 per month.		
250 agents, at \$50 each per month.		
2 collaborating clerks, at \$300 each.		
6 collaborating clerks, at \$25 each per month.		
1 collaborating clerk, \$22.50 per month.		
2 collaborating clerks, at \$20 each per month.		
1 collaborating clerk, \$17.50 per month.		
1 collaborating clerk, \$16.67 per month.		
4 collaborating clerks, at \$180 each.		
2 collaborating clerks, at \$15 each per month.		
1 collaborating clerk, \$144.		
2 collaborating clerks, at \$120 each.		

THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

BY

JOHN BURNET

OF

THE

UNIVERSITY OF

OXFORD

IN

THE

YEAR

1643

PRINTED

BY

JOHN BURNET

OF

THE

UNIVERSITY OF

OXFORD

IN

THE

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>		
<p>Farmers' cooperative demonstrations, 1916, \$666,020.</p> <hr/> <p>Out of Washington—Continued. 4 collaborating clerks, at \$10 each per month. 50 collaborators, at \$1 each per annum. 517 agents, special agents, and collaborators, at \$100 to \$550 each per annum. NOTE.—Many of these agents are employed for only part of the time. The rate of salary shown is the rate paid when actually employed. Traveling expenses..... \$106,240.00 Supplies and equipment..... 11,889.00 Miscellaneous expenses..... 900.00</p> <hr/> <p>Total estimate, 1916..... 666,020.00 Total appropriation, 1915..... 673,240.00</p> <hr/> <p>Decrease (\$3,220 to cover salaries of employees transferred to statutory roll, and \$4,000 to "miscellaneous expenses" for general administration)..... 7,220.00</p>	<p>Farmers' cooperative demonstrations, 1914, \$375,000 (less \$1,500 by transfer to other lump funds of the Bureau of Plant Industry; total, \$373,500).</p> <hr/> <p>Traveling expenses..... \$64,647.81 Supplies and equipment..... 18,790.38 Miscellaneous expenses..... 1,356.96</p> <hr/> <p>Total expenditures, 1914..... 372,741.07</p>	
<p>Farmers' institutes, 1916, \$20,600.</p> <hr/> <p>Salaries..... \$14,820.00 As follows: In Washington— 1 chief specialist, \$2,700. 1 farmers' institute specialist, \$2,200. 4 assistants in agricultural education, at \$1,800 each. 1 assistant in agricultural education, \$1,800 (6 months). 1 clerk, \$900.</p> <p>Out of Washington— 1 specialist, \$7.50 per diem (when actually employed).</p> <p>Traveling expenses..... 3,200.00 Supplies and equipment..... 1,500.00 Miscellaneous expenses..... 1,080.00</p> <hr/> <p>Total estimate, 1916..... 20,600.00 Total appropriation, 1915..... 23,000.00</p> <hr/> <p>Decrease (\$1,400 to cover salary of one clerk transferred to statutory roll, and \$1,000 to "Miscellaneous expenses" for general administration). 2,400.00</p>	<p>Farmers' institutes, 1914, \$23,000.</p> <hr/> <p>Salaries..... \$14,220.94 As follows: In Washington— 1 chief specialist, \$2,400. 1 specialist, \$2,250 (5 months). 1 farmers' institute specialist, \$2,220 (5½ months). 1 farmers' institute specialist, \$2,000 (6½ months). 1 assistant in agricultural education, \$1,800 (2½ months). 1 assistant in agricultural education, \$1,800 (5 months). 1 assistant in agricultural education, \$1,800. 1 assistant in agricultural education, \$1,800 (8½ months). 1 assistant in agricultural education, \$1,800 (5 months). 1 assistant in agricultural education, \$1,800 (3 months). 1 assistant in agricultural education, \$1,800 (1½ months). 1 assistant in agricultural education, \$1,620 (½ month). 1 expert, \$150 per month (2 months). 1 clerk, \$1,600 (2 months). 1 clerk, \$1,400 (4½ months). 1 bookkeeper, \$1,200 (6 months). 1 stenographer and typewriter, \$1,000 (2 months).</p> <p>Out of Washington— 1 specialist, \$7.50 per diem (when actually employed). 1 assistant in agricultural education, \$5 per diem (when actually employed). 1 collaborator, \$16 per month (1½ months).</p> <p>Traveling expenses..... 3,921.04 Supplies and equipment..... 1,492.23 Miscellaneous expenses..... 563.75</p> <hr/> <p>Total expenditures, 1914..... 20,197.96</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.</i>			
Alaska Experiment Station, 1916, \$40,000.		Alaska Experiment Station, 1914, \$35,000.	
Salaries.....	\$16,100.00	Salaries.....	\$13,358.33
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 special agent in charge, \$3,500.		1 special agent in charge, \$3,500.	
3 superintendents of substations, at \$2,400 each.		3 superintendents of substations, at \$2,400 each.	
1 agent, \$1,500.		1 agent (botanist and horticulturist), \$1,500 (5 months).	
1 expert in plant breeding, \$1,500.		1 agent (horticulturist), \$1,500 (1½ months).	
2 agents, at \$1,200 each.		1 agent (assistant dairyman), \$1,200.	
		1 agent (assistant animal husbandman), \$1,200 (7 months).	
Traveling expenses.....	2,000.00	Traveling expenses.....	749.74
Supplies and equipment.....	9,900.00	Supplies and equipment.....	8,956.37
Miscellaneous expenses.....	12,000.00	Miscellaneous expenses.....	11,935.56
Total estimate, 1916.....	40,000.00	Total expenditures, 1914.....	35,000.00
Total appropriation, 1915.....	40,000.00		
Hawaii Experiment Station, 1916, \$35,000.		Hawaii Experiment Station, 1914, \$30,000.	
Salaries.....	\$21,920.00	Salaries.....	\$15,495.55
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 special agent in charge, \$3,500.		1 special agent in charge, \$3,500.	
1 chemist, \$2,400.		1 chemist, \$2,100.	
1 entomologist, \$2,100.		1 entomologist, \$2,100 (6½ months).	
1 horticulturist, \$2,100.		1 horticulturist, \$2,000 (¾ month).	
1 assistant chemist, \$1,800.		1 assistant chemist, \$1,620 (11 months).	
1 assistant chemist, \$1,260.		1 assistant chemist, \$1,260.	
1 assistant horticulturist, \$1,200.		1 assistant horticulturist, \$1,500.	
1 assistant plant pathologist, \$1,620.		1 assistant horticulturist, \$1,080.	
1 assistant agronomist, \$1,320.		1 agronomist, \$2,100 (11½ months).	
1 clerk and accountant, \$1,500.		1 clerk, \$1,320.	
1 superintendent of extension work, \$1,920.			
1 assistant in extension work, \$1,200.			
Traveling expenses.....	500.00	Traveling expenses.....	167.40
Supplies and equipment.....	3,030.00	Supplies and equipment.....	3,777.32
Miscellaneous expenses.....	9,550.00	Miscellaneous expenses.....	10,559.73
Total estimate, 1916.....	35,000.00	Total expenditures, 1914.....	30,000.00
Total appropriation, 1915.....	35,000.00		
Porto Rico Experiment Station, 1916, \$30,000.		Porto Rico Experiment Station, 1914, \$30,000.	
Salaries.....	\$17,420.00	Salaries.....	\$16,372.29
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 special agent in charge, \$3,500.		1 special agent in charge, \$3,500.	
1 chemist, \$2,400.		1 chemist, \$2,400.	
1 horticulturist, \$2,100.		1 horticulturist, \$2,100.	
1 plant pathologist, \$1,800.		1 plant pathologist, \$1,800.	
1 assistant horticulturist, \$1,800.		1 assistant horticulturist, \$1,620.	
1 entomologist, \$1,500.		1 assistant chemist, \$1,620 (11 months).	
1 assistant chemist, \$1,440.		1 entomologist, \$1,200 (9 months).	
1 plant propagator, \$1,440.		1 animal husbandman, \$1,620 (4 months).	
1 clerk and stenographer, \$1,440.		1 plant propagator, \$1,200 (5½ months).	
		1 clerk, \$1,440.	
Traveling expenses.....	600.00	Traveling expenses.....	652.99
Supplies and equipment.....	4,780.00	Supplies and equipment.....	4,318.10
Miscellaneous expenses.....	7,200.00	Miscellaneous expenses.....	8,656.62
Total estimate, 1916.....	30,000.00	Total expenditures, 1914.....	30,000.00
Total appropriation 1915.....	30,000.00		
Guam Experiment Station, 1916, \$15,000.		Guam Experiment Station, 1914, \$15,000.	
Salaries.....	\$6,120.00	Salaries.....	\$6,345.00
As follows:		As follows:	
Out of Washington—		Out of Washington—	
1 special agent in charge, \$2,700.		1 special agent in charge, \$2,700.	
1 agent (veterinarian and animal husbandman), \$1,800.		1 agent, \$2,700 (1 month).	
1 agent (clerk and foreman), \$1,620.		1 agent (veterinarian and animal husbandman), \$1,800.	
		1 agent (clerk and foreman), \$1,620.	
Traveling expenses.....	200.00	Traveling expenses.....	385.05
Supplies and equipment.....	3,360.00	Supplies and equipment.....	3,844.58
Miscellaneous expenses.....	5,320.00	Miscellaneous expenses.....	4,425.37
Total estimate, 1916.....	15,000.00	Total expenditures, 1914.....	15,000.00
Total appropriation, 1915.....	15,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.								
Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Contd.										
<table><tr><th>Home economics work, 1916, \$26,500.</th><th>Nutrition investigations, 1914, \$16,000.</th></tr><tr><td>Salaries..... \$21,470.00 As follows: In Washington— 1 chief, \$3,000. 1 assistant, \$2,700. 2 scientific assistants, at \$1,800 each. 2 scientific assistants, at \$1,620 each. 1 assistant, \$1,440. 1 junior chemist, \$1,440. 1 scientific assistant, \$1,800 (6 months). 1 expert, \$1,800 (10 months). 1 assistant in laboratory, \$1,200. 1 laboratory helper, \$900. 1 clerk, \$900. 5 collaborators, \$25 each per month (temporary).</td><td>Salaries..... \$14,086.83 As follows: In Washington— 1 chief of nutrition investigations, \$2,700 (9 months). 1 assistant, \$2,400. 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,800 (2 months). 1 scientific assistant, \$1,620. 1 scientific assistant, \$1,620 (8½ months). 1 scientific assistant, \$1,440. 1 expert, \$150 per month (8½ months). 1 bookkeeper, \$1,200 (½ month). 1 bookkeeper, \$1,000 (1½ months). 1 clerk, \$1,200 (6 months). 1 stenographer and typewriter, \$900 (1½ months). 1 stenographer and typewriter, \$900 (6½ months). 5 collaborators, \$25 each per month (temporary). 1 charwoman, \$20 per month.</td></tr><tr><td>Traveling expenses..... 650.00 Supplies and equipment..... 2,500.00 Miscellaneous expenses..... 1,880.00</td><td>Traveling expenses..... 384.17 Supplies and equipment..... 1,141.43 Miscellaneous expenses..... 173.02</td></tr><tr><td>Total estimate, 1916..... 26,500.00 Total appropriation, 1915..... 25,760.00 Increase (by transfer of \$3,320 from Bureau of Plant Industry, and \$2,580 to other funds)..... 740.00</td><td>Total expenditures, 1914..... 15,785.45</td></tr></table>	Home economics work, 1916, \$26,500.	Nutrition investigations, 1914, \$16,000.	Salaries..... \$21,470.00 As follows: In Washington— 1 chief, \$3,000. 1 assistant, \$2,700. 2 scientific assistants, at \$1,800 each. 2 scientific assistants, at \$1,620 each. 1 assistant, \$1,440. 1 junior chemist, \$1,440. 1 scientific assistant, \$1,800 (6 months). 1 expert, \$1,800 (10 months). 1 assistant in laboratory, \$1,200. 1 laboratory helper, \$900. 1 clerk, \$900. 5 collaborators, \$25 each per month (temporary).	Salaries..... \$14,086.83 As follows: In Washington— 1 chief of nutrition investigations, \$2,700 (9 months). 1 assistant, \$2,400. 1 scientific assistant, \$1,800. 1 scientific assistant, \$1,800 (2 months). 1 scientific assistant, \$1,620. 1 scientific assistant, \$1,620 (8½ months). 1 scientific assistant, \$1,440. 1 expert, \$150 per month (8½ months). 1 bookkeeper, \$1,200 (½ month). 1 bookkeeper, \$1,000 (1½ months). 1 clerk, \$1,200 (6 months). 1 stenographer and typewriter, \$900 (1½ months). 1 stenographer and typewriter, \$900 (6½ months). 5 collaborators, \$25 each per month (temporary). 1 charwoman, \$20 per month.	Traveling expenses..... 650.00 Supplies and equipment..... 2,500.00 Miscellaneous expenses..... 1,880.00	Traveling expenses..... 384.17 Supplies and equipment..... 1,141.43 Miscellaneous expenses..... 173.02	Total estimate, 1916..... 26,500.00 Total appropriation, 1915..... 25,760.00 Increase (by transfer of \$3,320 from Bureau of Plant Industry, and \$2,580 to other funds)..... 740.00	Total expenditures, 1914..... 15,785.45		
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Total for [Office of Experiment Stations] States Relations Service (increase of \$891,060)	\$2,821,840	\$1,930,780								

OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING.

NOTE.—Under the plan of reorganization considerable new work has been transferred to this office from other bureaus, and the name of the office has been changed from "Office of Public Roads" to "Office of Public Roads and Rural Engineering" to better describe the same.

Salaries, Office of Public Roads and Rural Engineering—

(1) One director, who shall be a scientist and have charge of all scientific and technical work (<i>acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; June 30, 1914, vol. 38, p. 439, sec. 1</i>)	\$4,500.00
(2) One draftsman (by transfer from statutory roll of States Relations Service) (<i>same acts</i>)	1,920.00
(3) One chief clerk (<i>same acts</i>)	1,900.00
(4) Two clerks, class 4 (increase of 1 by transfer from statutory roll of States Relations Service) (<i>same acts</i>)	3,600.00
(5) Four clerks, class 3 (increase of 1 by transfer from statutory roll of States Relations Service) (<i>same acts</i>)	6,400.00
(6) One clerk or editorial clerk (by transfer from statutory roll of States Relations Service) (<i>same acts</i>)	1,600.00
(7) One clerk (<i>same acts</i>)	1,500.00
(8) One clerk (<i>same acts</i>)	1,440.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Office of Public Roads and Rural Engineering—Continued.</i>		
(9) Two clerks or instrument makers, at \$1,440 each (increase of 1 by transfer from lump fund for road material) (<i>acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; June 30, 1914, vol. 38, p. 439, sec. 1</i>)-----	\$2, 880. 00	
(10) One clerk or tabulator (<i>same acts</i>)-----	1, 440. 00	
(11) Two clerks, class 2 (by transfer from lump fund for administrative expenses and statutory roll of States Relations Service) (<i>same acts</i>)-----	2, 800. 00	
(12) One clerk (<i>same acts</i>)-----	1, 380. 00	
(13) Two clerks, at \$1,320 each (<i>same acts</i>)-----	2, 640. 00	
(14) Four clerks, at \$1,260 each (<i>same acts</i>)-----	5, 040. 00	
(15) Five clerks, class 1 (increase of 2 by transfer from lump fund for road management and statutory roll of States Relations Service) (<i>same acts</i>)-----	6, 000. 00	
(16) One clerk or editorial clerk (by transfer from statutory roll of States Relations Service) (<i>same acts</i>)-----	1, 200. 00	
(17) One clerk or draftsman (by transfer from statutory roll of States Relations Service) (<i>same acts</i>)-----	1, 200. 00	
(18) One clerk or draftsman (by transfer from statutory roll of States Relations Service) (<i>same acts</i>)-----	900. 00	
(19) One clerk or photographer (<i>same acts</i>)-----	1, 200. 00	
(20) One clerk or photographer (<i>same acts</i>)-----	1, 000. 00	
(21) Two clerks, at \$1,140 each (<i>same acts</i>)-----	2, 280. 00	
(22) Two clerks, at \$1,080 each (<i>same acts</i>)-----	2, 160. 00	
(23) One clerk (<i>same acts</i>)-----	1, 020. 00	
(24) Seven clerks, at \$1,000 each (increase of 3, 2 by transfer from statutory roll of States Relations Service and 1 by transfer from lump fund for road management) (<i>same acts</i>)-----	7, 000. 00	
(25) Three clerks, at \$900 each (increase of 2 by transfer from statutory roll of States Relations Service) (<i>same acts</i>)-----	2, 700. 00	
(26) One clerk or instrument maker (<i>same acts</i>)-----	1, 200. 00	
(27) One messenger or laboratory helper (<i>same acts</i>)-----	840. 00	
(28) Two messengers, laborers, or laboratory helpers, at \$720 each (<i>same acts</i>)-----	1, 440. 00	
(29) One messenger or laborer (<i>same acts</i>)-----	660. 00	
(30) Five messengers, laborers, or messenger boys, at \$600 each (increase of 1 by transfer from statutory roll of States Relations Service) (<i>same acts</i>)-----	3, 000. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Office of Public Roads and Rural Engineering—Continued.</i>		
(31) Five laborers, messenger boys, or charwomen, at \$480 each (in lieu of 1 laborer or messenger boy at \$480, 2 messenger boys at \$480 each, and increase of 2 by transfer of 1 laborer or charwoman at \$480, and 1 messenger, messenger boy, or laborer, at \$480, from statutory roll of States Relations Service) (<i>acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; June 30, 1914, vol. 38, p. 439, sec. 1</i>) --	\$2, 400. 00	
NOTE.—One laborer or messenger boy at \$480, and 2 messenger boys at \$480 each, consolidated with places above at same salaries.		
(32) Three charwomen, at \$240 each (increase of 1 by transfer from statutory roll of States Relations Service) (<i>same acts</i>) -----	720. 00	
	\$75, 960. 00	\$52, 500. 00
Appropriations for 1906..... \$12, 340	Estimates for 1907..... \$12, 340	
Appropriations for 1907..... 12, 340	Estimates for 1908..... 14, 540	
Appropriations for 1908..... 12, 390	Estimates for 1909..... 15, 240	
Appropriations for 1909..... 12, 390	Estimates for 1910..... 16, 210	
Appropriations for 1910..... 16, 460	Estimates for 1911..... 21, 260	
Appropriations for 1911..... 21, 260	Estimates for 1912..... 34, 060	
Appropriations for 1912..... 34, 020	Estimates for 1913..... 37, 940	
Appropriations for 1913..... 37, 020	Estimates for 1914..... 54, 400	
Appropriations for 1914..... 47, 400	Estimates for 1915..... 53, 000	
Appropriations for 1915..... 52, 500	Estimates for 1916..... 75, 960	
NOTE.—Apparent increase, \$23,460; no actual increase.		
<i>Transfers from statutory roll of States Relations Service.</i>		
1 draftsman.....	\$1, 920	
1 clerk, class 4.....	1, 800	
1 clerk, class 3.....	1, 600	
1 clerk or editorial clerk.....	1, 600	
1 clerk, class 2.....	1, 400	
1 clerk, class 1.....	1, 200	
1 clerk or editorial clerk.....	1, 200	
1 clerk or draftsman.....	1, 200	
1 clerk or draftsman.....	900	
2 clerks, at \$1,000 each.....	2, 000	
2 clerks, at \$900 each.....	1, 800	
1 messenger, laborer, or messenger boy.....	600	
2 laborers, messenger boys, or charwomen, at \$480 each (change of title).....	960	
1 charwoman.....	240	
	\$18, 420	
<i>Transfers from lump funds of this office, which funds have been correspondingly reduced.</i>		
1 clerk or instrument maker, from road material.....	\$1, 440	
1 clerk, class 2, from administrative expenses.....	1, 400	
1 clerk, class 1, from road management.....	1, 200	
1 clerk, from road management.....	1, 000	
	5, 040	
Apparent increase.....	\$23, 460	
<i>Change of title.</i>		
1 laborer or messenger boy, at \$480, and 2 messenger boys, at \$480 each, changed to 3 laborers, messenger boys, or charwomen, at \$480 each.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Public Roads and Rural Engineering—</i>		
(33) For salaries and the employment of [labor in the city of Washington and elsewhere,] <i>assistants and labor, the purchase of materials and equipment, supplies, office fixtures, and apparatus, in the city of Washington and elsewhere, rent outside of the District of Columbia, [apparatus] traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: Provided, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:</i>		
NOTE.—Under the plan of reorganization the name of the office has been changed from "Office of Public Roads" to "Office of Public Roads and Rural Engineering." New language has also been added to the above paragraph to more specifically enumerate certain items of expense now incurred by this office.		
(34) For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject [\$44,800] (act June 30, 1914, vol. 38, p. 439, sec. 1) -----	\$42,600.00	
NOTE.—There is an apparent decrease in the above item of \$2,200, but as one clerk at \$1,200 and one clerk at \$1,000 have been transferred to the statutory roll there is no change in this item.		
(35) For investigations of the best methods of road making, especially ordinary sand-clay and dirt roads, and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance (same act) -----	145,000.00	
(36) For investigations of the chemical and physical character of road materials, and for giving expert advice on this subject [\$36,260] (same act) -----	34,820.00	
NOTE.—There is an apparent decrease in the above item of \$1,440, but as one instrument maker at that salary has been transferred to the statutory roll, there is no change in this item. New language has also been added to explain more fully the work now being done under the paragraph.		
(37) For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations; for investigating and developing equipment intended for the preparation and application of bituminous and other binders; for the purchase of materials and equipment; for the employment of assistants and labor; for the erection of buildings; such experimental work to be confined as nearly as possible to one point during the fiscal year (same act) -----	60,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>		
(38) <i>For investigating and reporting upon the utilization of water in farm irrigation, including the best methods to apply in practice; the different kinds of power and appliances, and the development of equipment for farm irrigation; the flow of water in ditches, pipes, and other conduits; the duty, apportionment, and measurement of irrigation water; the customs, regulations, and laws affecting irrigation; for the purchase and installation of equipment for experimental purposes; for the giving of expert advice and assistance; for the preparation and illustration of reports and bulletins on irrigation; for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia; and for supplies and all necessary expenses</i>	\$106,400.00	
NOTE.—Under the plan of reorganization this item for irrigation investigations has been transferred from the States Relations Service and the appropriation of that service has been correspondingly reduced. The work of the Office of Public Roads and Rural Engineering necessitates the employment of civil engineers and mechanical engineers, and inasmuch as the work of the Irrigation and Drainage Divisions involves the practice of civil engineering, it would promote economy and efficiency to combine all of this work under one head. This will effect a great saving in traveling expenses and in the cost of administration, aside from the promotion of general efficiency. These paragraphs have also been redrafted in order to make them more simple and direct, and at the same time to make them apply more specifically to farm problems rather than the general field of irrigation and drainage. It is believed desirable to have the scope specifically defined as in the paragraphs submitted rather than in general terms as in the old wording.		
(39) <i>For investigating and reporting upon farm drainage and upon the drainage of swamp and other wet lands which may be made available for agricultural purposes; for preparing plans for the removal of surplus water by drainage, and for giving expert assistance by advice otherwise in the drainage of such lands; for conducting field experiments and investigations concerning the construction and maintenance of farm drainage work; for investigating and developing equipment intended for the construction and maintenance of farm drainage structures; for the purchase of materials and equipment; and for preparing and illustrating reports and bulletins on drainage; and for the employment of assistants and labor in the city of Washington and elsewhere, for rent outside the District of Columbia, and for supplies and all necessary expenses</i>	96,280.00	
NOTE.—Under the plan of reorganization this item for drainage investigations has been transferred from the States Relations Service and the appropriation of that service has been correspondingly reduced. The reasons therefor are the same as given in the preceding note for irrigation investigations.		
(40) <i>For investigating farm water supply and drainage disposal, the construction of farm buildings and machinery, and other rural engineering problems involving mechanical principles, and for giving expert advice by demonstration or otherwise, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses</i>	25,000.00	
NOTE.—Under the plan of reorganization the farm structures work now done in the Bureau of Plant Industry and the Bureau of Animal Industry has been transferred from those bureaus and incorporated in a separate item as above. The allotment for such work in the Bureau of Plant Industry was \$12,805, and the appropriation from which the allotment was made has not been correspondingly reduced. The balance, \$12,195, is in the nature of an increase, as the appropriation of the Bureau of Animal Industry has not been reduced. The Office of Public Roads and Rural Engineering is equipped with a mechanical department under the direction of a mechanical engineer, and it is believed that with the small additional appropriation asked for this department can be made of great use to the farmers of the country in connection with the development and testing of farm machinery. This item also relates to farm buildings, and involves the transfer from other bureaus of specialists engaged in such work. This is also in the interest of economy and efficiency, as this work is of an engineering character.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>		
(41) For the erection of a laboratory building on the Arlington Farm property of the United States Department of Agriculture for permanent quarters for the testing work of the Office of Public Roads and Rural Engineering, plans and specifications to be prepared and work done under the supervision of the Secretary of Agriculture . . . \$75,000.00		
NOTE.—This is a new item and carries an increase of \$75,000. This building is desired as permanent quarters for the testing work of the Office of Public Roads and Rural Engineering, and is made necessary because of the crowded condition of the laboratories in the building at present occupied by the office and to provide for the constantly increasing work. The space thus vacated could be utilized to advantage for other work.		
(42) For general administrative expenses connected with the above-mentioned lines of investigations and experiments [\$14,000] (act June 30, 1914, vol. 38, p. 439, sec. 1) 12,600.00		
NOTE.—There is an apparent decrease in the above item of \$1,400, but as one clerk at that salary has been transferred to the statutory roll, there is no change in this appropriation.		
In all, for general expenses \$597,700.00		\$300,060.00

Appropriations for 1906	\$37,660	Estimates for 1907	\$67,660
Appropriations for 1907	57,660	Estimates for 1908	86,460
Appropriations for 1908	57,660	Estimates for 1909	91,620
Appropriations for 1909	75,000	Estimates for 1910	110,240
Appropriations for 1910	100,000	Estimates for 1911	92,980
Appropriations for 1911	92,980	Estimates for 1912	131,840
Appropriations for 1912	126,700	Estimates for 1913	189,456
Appropriations for 1913	165,100	Estimates for 1914	331,840
Appropriations for 1914	232,000	Estimates for 1915	341,390
Appropriations for 1915	300,060	Estimates for 1916	597,700

¹ Includes \$202,680 for irrigation and drainage investigations previously carried in States Relations Service.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Road management, 1916, \$42,600.	Road management, 1914, \$40,000.
Salaries \$29,100.00	Salaries \$25,453.27
As follows:	As follows:
In Washington—	In Washington—
1 chief of road economics, \$3,500.	1 chief of road economics, \$3,500.
1 highway engineer, \$1,740.	1 assistant in road economics, \$2,500.
1 lantern slide colorist, \$1,320.	1 assistant in road economics, \$2,040.
1 assistant in road economics, \$2,500.	1 model maker, \$1,800.
1 assistant in road economics, \$2,040.	1 highway engineer, \$1,740.
1 assistant in road economics, \$1,500.	1 lecturer, \$1,380.
1 carpenter, \$1,100.	1 lecturer, \$1,200.
1 lecturer, \$1,380.	1 lantern slide colorist, \$1,320.
1 lecturer, \$1,200.	1 clerk, \$1,200.
1 model maker, \$1,800.	1 clerk, \$1,000.
Out of Washington—	Out of Washington—
42 collaborators, at \$5 per day, when actually employed.	3 senior highway engineers, at \$2,220 each (7 months).
16 collaborators, at \$2 per day, when actually employed.	1 superintendent of road construction, \$2,100.
1 collaborator, \$2.50 per day, when actually employed.	1 assistant in road economics, \$1,500.
1 collaborator, \$1.75 per day, when actually employed.	50 state collaborators, at \$5 per day, when actually employed.
12 collaborators, at \$1.50 per day, when actually employed.	18 traffic census takers, at \$2 per day, when actually employed.
2 collaborators, at \$1.25 per day, when actually employed.	12 traffic census takers, at \$1.50 per day, when actually employed.
3 senior highway engineers, at \$2,220 each.	1 traffic census taker, \$2.50 per day, when actually employed.
1 superintendent of road construction, \$2,100.	2 traffic census takers, at \$1.25 per day, when actually employed.
Traveling expenses 10,000.00	6 traffic census takers, at \$1 per day, when actually employed.
Supplies and equipment 3,000.00	Traveling expenses 8,701.87
Miscellaneous expenses 500.00	Supplies and equipment 2,350.78
Total estimate, 1916 42,600.00	Miscellaneous expenses 971.53
Total appropriation, 1915 44,800.00	Total expenditures, 1914 37,477.45
Decrease (by transfer of 1 clerk at \$1,200 and 1 clerk at \$1,000 to statutory roll) 2,200.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Investigating road building and maintenance, 1916, \$145,000.	Investigating road building and maintenance, 1914, \$105,000.		
Salaries.....\$110,000.00	Salaries.....\$75,259.47		
As follows:	As follows:		
In Washington—	In Washington—		
1 chief engineer, \$3,500.	1 chief engineer, \$3,500.		
1 senior structural engineer, \$3,000.	1 senior structural engineer, \$3,000		
2 senior highway engineers, at \$2,700 each.	(2 months).		
1 chief of road maintenance, \$3,000.	1 chief of road maintenance, \$3,000		
1 chief of national park and forest roads, \$3,000.	(4½ months).		
1 draftsman, \$1,600.	2 senior highway engineers, at \$2,700 each (7½ months).		
1 draftsman, \$1,320.	1 draftsman, \$1,600 (6 months).		
Out of Washington—	1 draftsman, \$1,320 (2 months).		
1 senior highway engineer, \$3,000.	Out of Washington—		
2 senior highway engineers, at \$2,700 each.	1 chief of national park and forest roads, \$3,000 (4½ months).		
4 senior highway engineers, at \$2,500 each.	1 senior highway engineer, \$3,000 (4½ months).		
2 senior highway engineers, at \$2,400 each.	5 senior highway engineers, at \$2,700 each.		
1 superintendent of road construction, \$2,400.	4 senior highway engineers, at \$2,500 each (temporary).		
9 senior highway engineers, at \$2,220 each.	4 senior highway engineers, at \$2,400 each (temporary).		
1 senior highway engineer, \$9 per day when actually employed.	6 senior highway engineers, at \$2,220 each (temporary).		
3 senior highway engineers, at \$1,800 each.	1 senior highway engineer, \$2,000.		
1 senior highway engineer, \$8 per day when actually employed.	1 senior highway engineer, \$8 per day when actually employed.		
3 superintendents of road construction, at \$6 per day when actually employed.	1 highway engineer, \$1,680 (temporary).		
1 highway engineer, \$1,600.	2 highway engineers, at \$1,560 each.		
5 highway engineers, at \$1,500 each.	4 highway engineers, at \$1,200 each.		
1 superintendent of road construction, \$5.50 per day when actually employed.	7 junior highway engineers, at \$960 each.		
1 superintendent of road construction, \$4.90 per day when actually employed.	7 civil engineer students, at \$720 each.		
1 highway engineer, \$1,320.	5 engineer assistants, at \$60 per month (temporary).		
5 junior highway engineers, at \$1,200 each.	1 engineer assistant, \$50 per month (temporary).		
8 junior highway engineers, at \$960 each.	4 superintendents of road construction, at \$6 per day when actually employed.		
6 civil engineer students, at \$720 each.	1 superintendent of road construction, \$2,400.		
7 engineer assistants, at \$60 per month.	1 superintendent of road construction, \$5.50 per day when actually employed.		
2 engineer assistants, at \$50 per month.	1 superintendent of road construction, \$4.90 per day when actually employed.		
Traveling expenses.....30,000.00	Traveling expenses.....26,022.22		
Supplies and equipment.....3,000.00	Supplies and equipment.....1,298.80		
Miscellaneous expenses.....2,000.00	Miscellaneous expenses.....433.22		
Total estimate, 1916.....145,000.00	Total expenditures, 1914.....103,013.71		
Total appropriation, 1915.....145,000.00			
Road material, 1916, \$34,820.	Road material, 1914, \$30,000.		
Salaries.....\$18,560.00	Salaries.....\$19,056.11		
As follows:	As follows:		
In Washington—	In Washington—		
1 mechanical engineer, \$3,000.	1 mechanical engineer, \$3,000.		
1 associate mechanical engineer, \$2,400.	1 associate mechanical engineer, \$2,400.		
1 chemist, \$2,500.	1 chemist, \$2,500.		
1 assistant chemist, \$2,000.	1 assistant chemist, \$2,000.		
1 assistant chemist, \$1,500.	1 assistant chemist, \$1,500.		
1 assistant chemist, \$1,200.	1 assistant chemist, \$1,200.		
1 petrographer, \$1,600.	1 petrographer, \$1,600.		
1 laboratory assistant, \$1,600.	1 laboratory assistant, \$1,600.		
1 aid, \$840.	1 laboratory apprentice, \$1,020.		
1 laboratory apprentice, \$600.	1 laboratory apprentice, \$600.		
3 student assistants, at \$25 per month.	3 student assistants, at \$600 each.		
1 laborer, \$1.50 per day when actually employed.	1 instrument maker, \$3.50 per day.		
Traveling expenses.....4,000.00	Traveling expenses.....2,200.89		
Supplies and equipment.....10,000.00	Supplies and equipment.....3,659.61		
Miscellaneous expenses.....2,260.00	Miscellaneous expenses.....2,978.27		
Total estimate, 1916.....34,820.00	Total expenditures, 1914.....27,894.88		
Total appropriation, 1915.....36,260.00			
Decrease (by transfer of instrument maker, at \$1,440 to statutory roll).....1,440.00			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p align="center">Field experiments, 1916, \$60,000.</p> <p>Salaries..... \$9,000.00 As follows: Out of Washington— 1 assistant mechanical engineer, \$1,800. 3 assistant mechanical engineers, at \$1,600 each. 2 patrolmen, at \$720 each. 1 unskilled laborer, \$720. Traveling expenses..... 3,000.00 Supplies and equipment..... 3,000.00 Miscellaneous expenses..... 5,000.00 Construction work ¹..... 40,000.00 Total estimate, 1916..... 60,000.00 Total appropriation, 1915..... 60,000.00</p>	<p align="center">Field experiments, 1914, \$45,000.</p> <p>Salaries..... \$6,008.35 As follows: Out of Washington— 1 assistant mechanical engineer, \$1,800. 3 assistant mechanical engineers, at \$1,600 each (temporary). 3 road patrolmen, at \$720 each (temporary). Traveling expenses..... 2,300.60 Supplies and equipment..... 707.06 Miscellaneous expenses..... 4,430.96 Construction work ²..... 26,259.29 Total expenditures, 1914..... 39,706.26</p>	
<p>¹The unit cost for the construction work to be done can not be stated at this time as it has not been decided just what the work will be nor what the items entering into the same will be.</p>	<p>²The unit cost for the construction of 4 sections of the Rockville Pike between the District of Columbia line and the corporate limits of Rockville, being the 4 sections nearest the corporate limits of Rockville, aggregating 26,889 feet, which cost \$16,507.29, under contract performed by the George B. Mullin Co., is as follows: Cleaning, scarifying, and shaping road surface, 6 cents per square yard. Excavation and embankment, 57 cents per cubic yard. No. 1 stone, \$2.34 per ton. No. 2 stone, \$2.34 per ton. No. 3 stone, \$2.34 per ton. Vitrified pipe in place: 8-inch diameter, 45 cents per linear foot. 10-inch diameter, 63 cents per linear foot. 12-inch diameter, 80 cents per linear foot. 15-inch diameter, \$1.10 per linear foot. Corrugated ingot iron pipe, in place: 8-inch diameter, 80 cents per linear foot. 10-inch diameter, 95 cents per linear foot. 12-inch diameter, \$1.10 per linear foot. 15-inch diameter, \$1.25 per linear foot. Drop inlets, \$15 each. Concrete head walls, \$8 per cubic yard. Stone masonry, \$7 per cubic yard. Force account: Foreman, \$4 per day. Labor, \$1.70 per day. Teams, with driver, \$4.85 per day. 12 per cent to be added to force account. The cost of surface treating the experimental road from the District line to the corporate limits of Rockville, Md., known as the Rockville Pike, was \$9,752, in accordance with the terms of contract with W. French & Co.</p>	
<p align="center">Irrigation investigations, 1916, \$106,400</p> <p>Salaries..... \$70,000.00 As follows: In Washington— 1 chief of irrigation investigations, \$3,750. 1 irrigation economist, acting chief in absence of chief, \$2,700. 1 irrigation engineer, \$2,160. Out of Washington— 1 irrigation manager, \$2,640. 1 irrigation manager, \$2,500. 1 irrigation manager, \$2,220. 2 irrigation engineers, at \$2,400 each. 1 irrigation engineer, \$2,280. 4 irrigation engineers, at \$2,220 each. 1 irrigation engineer, \$2,100. 3 irrigation engineers, at \$2,000 each.</p>	<p align="center">Irrigation investigations, 1914, \$108,000.</p> <p>Salaries..... \$72,658.14 As follows: In Washington— 1 chief of irrigation investigations, \$3,750. 1 irrigation economist, \$2,700. 1 scientific assistant, \$2,000. 1 specialist in rural engineering, \$1,620 (6 months). 1 bookkeeper, \$1,200 (1½ months). 1 clerk, \$1,200 (2½ months). 1 stenographer and typewriter, \$1,600. 1 stenographer and typewriter, \$900 (2 months). 1 stenographer and typewriter, \$900 (2½ months). 1 stenographer and typewriter, \$900 (1 month). 1 stenographer and typewriter, \$900 (8 months). 1 watchman, \$720 (½ month). 1 skilled laborer, \$600 (6½ months). 1 messenger boy, \$480 (5 months). Out of Washington— 1 irrigation manager, \$2,640. 1 irrigation manager, \$2,500. 1 irrigation manager, \$2,220 (9 months). 1 irrigation manager, \$7.25 per day, when actually employed. 2 irrigation engineers, at \$2,400 each. 1 irrigation engineer, \$2,280 (5½ months).</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Irrigation investigations, 1916, \$106,400.	Irrigation investigations, 1914, \$108,000.	
<p>Out of Washington—Continued.</p> <p>2 irrigation engineers, at \$1,980 each.</p> <p>1 irrigation engineer, \$6.50 per day, when actually employed.</p> <p>2 irrigation engineers, at \$6 per day, when actually employed.</p> <p>2 assistant irrigation engineers, at \$1,800 each.</p> <p>1 assistant irrigation engineer, \$1,500.</p> <p>2 assistant irrigation engineers, \$1,320 each.</p> <p>1 assistant irrigation engineer, \$130 per month.</p> <p>1 irrigation assistant, \$7.50 per day, when actually employed.</p> <p>5 irrigation assistants, at \$100 per month, when actually employed.</p> <p>1 irrigation farmer, \$1,500.</p> <p>1 irrigation farmer, \$1,200.</p> <p>1 mechanic, \$1,680.</p> <p>1 executive assistant, \$1,600.</p> <p>1 clerk, \$1,620.</p> <p>1 clerk, \$900 (3 months).</p> <p>2 collaborators, at \$25 per month each.</p> <p>1 collaborator, \$15 per month.</p> <p>2 collaborators, at \$10 per month each.</p> <p>2 collaborators, at \$5 per month each.</p> <p>2 agents, at \$1,500 each.</p> <p>1 agent, \$1,440.</p> <p>1 agent, \$1,400.</p> <p>1 agent, \$130 per month.</p> <p>1 agent, \$110 per month.</p> <p>1 agent, \$6 per day, when actually employed.</p> <p>1 agent, \$5 per day, when actually employed.</p>	<p>Out of Washington—Continued.</p> <p>3 irrigation engineers, at \$2,220 each.</p> <p>1 irrigation engineer, \$2,220 (11 months).</p> <p>1 irrigation engineer, \$2,100 (10 months).</p> <p>1 irrigation engineer, \$2,100 (6 months).</p> <p>1 irrigation engineer, \$2,000 (2 months).</p> <p>2 engineers, at \$2,000 each.</p> <p>1 irrigation engineer, \$2,000 (5 months).</p> <p>1 irrigation engineer, \$2,000 (1 month).</p> <p>2 irrigation engineers, at \$1,980 each (5½ months).</p> <p>1 irrigation engineer, \$1,800 (6½ months).</p> <p>1 irrigation engineer, \$1,800 (9 months).</p> <p>1 irrigation engineer, \$1,800 (6½ months).</p> <p>1 irrigation engineer, \$7.50 per day, when actually employed.</p> <p>1 irrigation engineer, \$6 per day, when actually employed.</p> <p>1 assistant irrigation engineer, \$1,600.</p> <p>1 assistant irrigation engineer, \$1,320 (6 months).</p> <p>2 assistant irrigation engineers, at \$1,320 each.</p> <p>1 assistant irrigation engineer, \$130 per month (1½ months).</p> <p>1 irrigation farmer, \$1,500.</p> <p>1 irrigation farmer, \$1,200.</p> <p>1 irrigation farmer, \$1,200 (9 days).</p> <p>1 irrigation assistant, \$120 per month (1½ months).</p> <p>1 irrigation assistant, \$100 per month (2½ months).</p> <p>1 irrigation assistant, \$100 per month (2½ months).</p> <p>1 irrigation assistant, \$90 per month (4½ months).</p> <p>1 irrigation assistant, \$80 per month (2½ months).</p> <p>1 irrigation assistant, \$75 per month (4 months).</p> <p>1 irrigation assistant, \$7.50 per day, when actually employed.</p> <p>1 agent, \$1,500.</p> <p>1 agent, \$1,500 (1½ months).</p> <p>1 agent, \$1,440 (2 months).</p> <p>1 agent, \$1,400 (5 months).</p> <p>1 agent, \$1,200 (6 months).</p> <p>1 agent, \$130 per month (6 months).</p> <p>1 agent, \$110 per month (2 months).</p> <p>1 agent, \$100 per month (4 months).</p> <p>1 agent, \$100 per month (10 months).</p> <p>1 agent, \$100 per month (7 months).</p> <p>1 agent, \$100 per month (3 months).</p> <p>1 agent, \$100 per month (1½ months).</p> <p>1 agent, \$75 per month (2 months).</p> <p>1 agent, \$6 per day, when actually employed.</p> <p>1 agent, \$5 per day, when actually employed.</p> <p>1 agent, \$4 per day, when actually employed.</p> <p>1 mechanic, \$1,680.</p> <p>1 executive assistant, \$1,600.</p> <p>1 clerk, \$1,400 (4 months).</p> <p>1 clerk, \$1,200 (2 months).</p> <p>1 clerk, \$900 (3 months).</p> <p>1 irrigation engineer and collaborator, \$25 per month (8 months).</p> <p>3 collaborators, at \$25 each per month (temporary).</p> <p>1 collaborator, \$15 per month (temporary).</p> <p>4 collaborators, at \$10 each per month (temporary).</p> <p>2 collaborators, at \$5 each per month (temporary).</p>	
<p>Traveling expenses..... \$26,500.00</p> <p>Supplies and equipment..... 4,000.00</p> <p>Miscellaneous expenses..... 5,900.00</p> <p>Total estimate, 1916..... 106,400.00</p> <p>Total appropriation, 1915..... 106,400.00</p>	<p>Traveling expenses..... \$26,472.42</p> <p>Supplies and equipment..... 4,694.67</p> <p>Miscellaneous expenses..... 3,200.50</p> <p>Total expenditures, 1914..... 107,025.73</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
General Expenses, Office of Public Roads and Rural Engineering—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>			
Drainage investigations, 1916, \$96,280.		Drainage investigations, 1914, \$97,600.	
Salaries.....	\$56,120.00	Salaries.....	\$56,280.33
As follows:		As follows:	
In Washington—		In Washington—	
1 chief of drainage investigations,		1 chief of drainage investigations,	
\$3,500.		\$3,500.	
1 office engineer, \$2,280.		1 office engineer, \$2,500.	
1 drainage engineer, \$2,220.		1 office engineer, \$2,000.	
1 drainage engineer, \$1,980.		1 office engineer, \$1,980.	
		1 drainage engineer, \$2,000.	
		1 special ist in rural engineering, \$1,800	
		(5½ months).	
		1 specialist in rural engineering, \$1,620	
		(½ month).	
		1 draftsman, \$900 (2½ months).	
		1 bookkeeper, \$1,200 (4 months).	
		1 stenographer and typewriter, \$900	
		(3 months).	
		2 stenographers and typewriters, at	
		\$900 each (2 months).	
		1 stenographer and typewriter, \$900	
		(3½ months).	
		1 stenographer and typewriter, \$900	
		(4 months).	
		1 stenographer and typewriter, \$3.50	
		per day, when actually employed.	
		1 skilled laborer, \$720.	
		1 elevator conductor, \$600.	
		1 unskilled laborer, \$25 per month (1	
		month).	
Out of Washington—		Out of Washington—	
1 supervising drainage engineer, \$2,400.		1 supervising drainage engineer, \$2,400.	
1 drainage engineer, \$2,500.		1 drainage engineer, \$2,400.	
1 drainage engineer, \$2,400.		2 drainage engineers, at \$2,000 each.	
1 drainage engineer, \$2,160.		6 drainage engineers, at \$1,980 each.	
1 drainage engineer, \$2,000.		3 drainage engineers, at \$1,800 each.	
5 drainage engineers, at \$1,980 each.		3 drainage engineers, at \$1,800 each	
6 drainage engineers, at \$1,800 each.		(6 months).	
3 drainage engineers, at \$1,620 each.		1 drainage engineer, \$1,800 (5 months).	
1 assistant drainage engineer, \$1,500.		3 drainage engineers, at \$1,620 each.	
1 assistant drainage engineer, \$1,440.		1 drainage engineer, \$1,620 (6 months).	
4 assistant drainage engineers, at \$1,200		1 drainage engineer, \$1,440 (6½ months).	
each.		1 drainage engineer, \$10.50 per day,	
1 collaborator, \$25 per month.		when actually employed.	
9 collaborators, at \$10 each per month.		1 drainage engineer, \$6 per day, when	
		actually employed.	
		1 irrigation engineer, \$7.50 per day,	
		when actually employed.	
		1 assistant drainage engineer, \$1,500	
		(6½ months).	
		1 assistant drainage engineer, \$1,440.	
		1 assistant drainage engineer, \$1,200.	
		1 assistant drainage engineer, \$1,200	
		(5 months).	
		1 assistant drainage engineer, \$1,200	
		(2 months).	
		1 collaborator, \$25 per month	
		(9 months).	
		9 collaborators, at \$10 each per month	
		(temporary).	
Traveling expenses.....	32,500.00	Traveling expenses.....	32,584.21
Supplies and equipment.....	5,000.00	Supplies and equipment.....	5,161.52
Miscellaneous expenses.....	2,660.00	Miscellaneous expenses.....	2,243.46
Total estimate, 1916.....	96,280.00	Total expenditures, 1914.....	96,269.52
Total appropriation, 1915.....	96,280.00		
Farm structures, 1916, \$25,000.			
Salaries.....	\$18,380.00		
As follows:			
In Washington—			
1 draftsman, \$1,500.			
Out of Washington—			
2 architects, at \$2,520 each.			
2 assistant architects, at \$2,500 each.			
2 assistant architects, at \$1,800 each.			
2 farm equipment assistants, at \$1,620			
each.			
Traveling expenses.....	4,000.00		
Supplies and equipment.....	1,800.00		
Miscellaneous expenses.....	820.00		
Total estimate, 1916.....	25,000.00		
Total allotment, 1915.....	12,805.00		
Increase.....	12,195.00		
		<p>NOTE.—This work was separately organized July 1, 1914, it having been conducted during the fiscal year ending June 30, 1914, in connection with the project "farm equipment," in the Bureau of Plant Industry.</p>	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Public Roads and Rural Engineering—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
Laboratory building on Arlington Farm, 1916, \$75,000.	No appropriation for 1914.	
CONSTRUCTION WORK.		
The estimated unit cost of the proposed building is as follows:		
Foundation.....	\$3,500.00	
Masonry and concrete in walls, etc....	30,000.00	
Steel.....	6,000.00	
Plaster.....	1,000.00	
Floors.....	5,000.00	
Windows and doors.....	12,000.00	
Roof.....	6,000.00	
Plumbing.....	3,000.00	
Heating.....	6,000.00	
Electric wiring.....	1,000.00	
Painting.....	800.00	
Miscellaneous.....	700.00	
Total estimate, 1916.....	75,000.00	
Total appropriation, 1915.....		
Administrative expenses, 1916, \$12,600.	Administrative expenses, 1914, \$12,000.	
Salaries.....	\$5,800.00	Salaries..... \$4,775.01
As follows:		As follows:
In Washington—		In Washington—
1 assistant director, \$3,500.		1 assistant director, \$3,500 (temporary).
1 unskilled laborer, \$1.50 per diem, when actually employed.		1 carpenter, \$1,100 (temporary).
		1 clerk, \$1,000 (temporary).
		1 clerk, \$900 (temporary).
		1 messenger, \$480 (temporary).
		1 clerk \$1,380 (temporary).
Traveling expenses.....	600.00	Traveling expenses..... 519.78
Supplies and equipment.....	5,000.00	Supplies and equipment..... 4,690.35
Miscellaneous expenses.....	1,200.00	Miscellaneous expenses..... 1,315.73
Total estimate, 1916.....	12,600.00	Total expenditures, 1914..... 11,300.87
Total appropriation, 1915.....	14,000.00	
Decrease (by transfer of a clerk at \$1,400 to the statutory roll).	1,400.00	

Total for Office of Public Roads and Rural Engineering (increase of \$321,100)	\$673, 660.00	\$352, 560.00
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OFFICE OF MARKETS AND RURAL ORGANIZATION.

NOTE.—Under the plan of reorganization, the appropriation for the Office of Markets has been transferred from the "Miscellaneous" section of the agricultural bill to its present location in these estimates and redrafted to provide appropriations for statutory salaries and general expenses, the same as all other independent bureaus and offices of the department. The appropriation for "Investigation of rural cooperation" has also been transferred from the "Miscellaneous" section of the agricultural bill and included as a separate item under general expenses of the Office of Markets. The name of the office has been changed to "Office of Markets and Rural Organization."

Salaries, Office of Markets and Rural Organization—

- | | |
|--|-------------|
| (1) One chief clerk (by transfer from lump fund for marketing and distributing farm products) (<i>act of June 30, 1914, vol. 38, p. 440, sec. 1</i>) | \$2, 000.00 |
| (2) Four clerks, class 4 (3 new places submitted, and 1 by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>) | 7, 200.00 |
| (3) Five clerks, class 3 (4 new places submitted, and 1 by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>) | 8, 000.00 |

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Salaries, Office of Markets and Rural Organization—Continued.</i>		
(4) Nine clerks, class 2 (3 new places submitted, and 6 by transfer from lump fund for marketing and distributing farm products, including 1 by reduction from \$1,440) (<i>act of June 30, 1914, vol. 38, p. 440, sec. 1</i>)	\$12,600.00	
NOTE.—The new places asked for in the three grades above, namely, 3 clerks of class 4, 4 clerks of class 3, and 3 clerks of class 2, are requested in order that the office may obtain the number of higher grade clerks that the importance of the work performed requires and to add to the general efficiency of the personnel. The more important positions to be filled are: Head clerk of the sections of market surveys, transportation and storage, cotton handling and marketing, cooperative purchasing and marketing, rural organization, market grades and standards, and grain marketing, an editorial clerk, and executive clerk in the office of the chief, and a clerk to take charge of the establishment, classification, maintenance, and operation of the office mailing list for the distribution of circular letters and questionnaires.		
(5) Ten clerks, class 1 (7 by transfer from lump fund for marketing and distributing farm products and 3 by transfer from lump fund for investigation of rural cooperation) (<i>same act</i>)	12,000.00	
(6) Five clerks, at \$1,000 each (by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>)	5,000.00	
(7) One laboratory aid (by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>)	900.00	
(8) One clerk (by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>)	900.00	
(9) One messenger boy (by transfer from lump fund for marketing and distributing farm products) (<i>same act</i>)	600.00	
(10) Four messenger boys, at \$480 each (3 by transfer from lump fund for marketing and distributing farm products and 1 by transfer from lump fund for investigation of rural cooperation) (<i>same act</i>)	1,920.00	
Appropriations for 1915..... (1) Estimates for 1916.....	\$51,120	
¹ Salaries paid from lump fund appropriation for Office of Markets.		
NOTE.—Apparent increase, \$51,120; actual increase, \$16,000, as follows:		
<i>New places.</i>		
3 clerks, class 4.....	\$5,400	
4 clerks, class 3.....	6,400	
3 clerks, class 2.....	4,200	
Actual increase.....	\$16,000	
<i>Transfers from lump fund for marketing and distributing farm products.</i>		
1 chief clerk.....	\$2,000	
1 clerk, class 4.....	1,800	
1 clerk, class 3.....	1,600	
6 clerks, class 2 (including 1 by reduction from \$1,440).....	8,400	
7 clerks, class 1.....	8,400	
5 clerks, at \$1,000 each.....	5,000	
1 laboratory aid.....	900	
1 clerk.....	900	
1 messenger boy.....	600	
3 messenger boys, at \$480 each.....	1,440	
	\$31,040	
<i>Transfers from lump fund for investigation of rural operation.</i>		
3 clerks, class 1.....	\$3,600	
1 messenger boy.....	480	
	4,080	
	35,120	
Apparent increase.....	\$51,120	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<p><i>General Expenses, Office of Markets and Rural Organization—</i></p>		
<p>(11) <i>For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows:</i></p>		
<p>(12) <i>For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing and distributing of farm and nonmanufactured food products and the purchasing of farm supplies, in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distributing of farm and food products (act June 30, 1914, vol. 38, p. 440, sec. 1) -----</i></p>		<p>\$301,465.00</p>
<p>NOTE.—Under the plan of reorganization this item has been transferred from the "Miscellaneous" section of the agricultural bill, and the amount has been changed from \$200,000 to \$301,465, an apparent increase of \$101,465. The actual increase, however, is \$138,505, as 27 employees with salaries aggregating \$31,040 have been transferred from this fund to the statutory roll, and \$6,000 has been transferred to the appropriation for "Rent in the District of Columbia" so as to centralize all items for rent in the District of Columbia in one appropriation. This increase will be needed in part to develop to a point of real and effective usefulness projects which have been begun and in part for the establishment of three new projects. The first of these new projects will be entitled "Marketing live stock, meat, and meat products," as it is realized that the present cost of such articles makes the subject of such importance as to warrant, and indeed demand, that a special study should be made of it in order to suggest remedial measures calculated to improve the methods and reduce the cost of those processes which take place after these products have left the producer and before they are finally delivered to the ultimate consumer. Effort should be made to determine the economic factors bearing upon the possible elimination of waste and increased efficiency in marketing systems. The second project will be designed to study the conditions obtaining in the marketing of the great grain crop of the country, as the work of the office has now progressed to a point where it is considered highly desirable that such work be instituted. This project has not been established before only because the problems involved in marketing perishables were believed to be more acute. In order to indicate the general direction which this work will take, it should be noted that, among others, the following topics will be studied: Primary marketing of spring and winter wheat, including especially the uses and abuses of dockage in the first sale and the comparison of results in the case of grain passing from the farmer to the line elevator and to the farmers' mutual elevator; the various methods of marketing corn both for export and import trade; future grain transactions and exchange practices; the "spread" in the marketing of various grains, looking to the possible suggestion of methods for its reduction; grain storage, scalping, mixing, and warehousing practices, track selling, etc. The third new project, "Marketing business practice," will, it is believed, be directly productive of substantial economies and a more equitable distribution of the profits of cooperative organizations. Forms of suitable accounting and auditing systems for various types of organizations and other agencies will be prepared and publications will be issued relative to all phases of this situation as rapidly as data can be obtained. It is the purpose of this work to be as specifically helpful in this department of farming endeavor as the fruit disease or crop specialist has come to be in his particular line. It is felt, too, that this work will indirectly facilitate the solution of vital problems relating to the location, identification, and extent of profits and wastes incident to the present commercial methods and processes of handling, distributing, and marketing farm products.</p>		



Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Markets and Rural Organization—Continued.</i>		
<p>(13) <i>To enable the Secretary of Agriculture to make studies of cooperation among farmers in the United States in matters of rural credits and of other forms of cooperation in rural communities; to diffuse among the people of the United States useful information growing out of these studies, in order to provide a basis for a broader utilization of results secured by the research, experimental, and demonstration work of the Department of Agriculture, agricultural colleges, and State experiment stations [and to employ such persons and means in the city of Washington and elsewhere as the Secretary may consider necessary, \$40,000] (act June 30, 1914, vol. 38, p. 440, sec. 1).</i> \$51, 880. 00</p>		
<p>NOTE.—Under the plan of reorganization, this item has been transferred to this office from the "Miscellaneous" section of the agricultural bill. The amount has been changed from \$40,000 to \$51,880. There is an apparent increase of \$11,880, but the actual increase is \$15,960, as 4 employees have been transferred from this fund to the statutory roll. The clause in brackets should be omitted as duplicating the authority in the general clause above.</p> <p>This work was originally carried on by the rural organization service, conducted by the Department of Agriculture, in cooperation with the General Education Board, and was brought into the department and consolidated with the Office of Markets on July 1, 1914. It consists of investigations concerning associations organized in rural districts on a cooperative basis, for the purpose of advancing various community interests. In studying the activities of such organizations and in endeavoring to formulate the rules governing their successful operation, they have been classified according to the nature of the purposes for which they were organized and operated. The investigational work which it is proposed to carry on under this subappropriation is to be a continuation and extension of the work which is being prosecuted under the similar appropriation for the fiscal year of 1915. It is divided into two principal projects, which are termed, respectively, "Rural social and educational activities," and "Rural credit, insurance, and communication."</p> <p>The purpose of the work of the first-named project is to investigate methods used by cooperative organizations endeavoring to improve conditions of education, hygiene, recreation, and household economy, with a view to determining what methods contribute to success and what to failure; to develop methods most likely to produce the best results; and, in the dissemination of information, to give special attention to demonstrations. Active organizations will, in some cases, be given specific instructions and advice, and a special study will be made of the effect in rural communities of the improvement, by cooperative associations, of social and educational conditions upon the movement of the young and active workers from the farm to the city.</p> <p>The second project, entitled "Rural credit, insurance, and communication," has for its object the investigation of problems relating to the organization of rural communities for developing rural credit and promoting the financing of agricultural activities, including the purchase of supplies; the improvement of the means and methods of rural communication, especially by the use of cooperative telephones; and the organization and operation of cooperative rural insurance associations for mutual protection against agricultural losses.</p> <p>It is expected that these investigations will include a study of present methods and agencies for financing the purchasing of farm supplies and the prosecution of farming operations; the means and facilities most helpful in improving the farmer's credit and supplying his needs for long and short time loans; and how efficient organizations for the improvement of farmers' credit or credit facilities may best be established and conducted.</p> <p>Special attention will be given to determining the nature and extent of losses in agriculture, the means and facilities most helpful in reducing such losses or minimizing such risks, and how efficient facilities for agricultural insurance may best be established and conducted upon a cooperative basis.</p> <p>A thorough study is to be made of the methods used in organizing and operating cooperative telephone exchanges, with a view to determining conditions under which such institutions may be successfully established and of learning the rules for their satisfactory operation. Surveys will also be made from time to time of districts in which it is proposed to establish such cooperative telephone systems, with a view to determining whether conditions are favorable to such an enterprise.</p> <p>Work in rural credits has developed information regarding both long and short time loans in their effect upon the agriculture of the United States which is of the greatest importance. The scope of the investigations with reference to this subject will be widened with a portion of the increase</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Markets and Rural Organization—Continued.</i>		
requested, and, in addition, definite experimental and demonstrational work will be taken up in the establishment of local credit associations which may serve as types for other communities. In addition, it is planned to inaugurate work on agricultural insurance, an economic phase of American farming in which older nations have made far greater progress. In connection with the rural-credits work a large body of information has been secured and made available for use by the committees of Congress who are considering the rural-credit legislative program.		
(14) <i>For general administrative expenses in connection with the lines of investigation, experiment, and demonstration conducted in the Office of Markets and Rural Organization (act June 30, 1914, vol 38, p. 440, sec. 1)</i> -----	\$23, 250.00	
NOTE.—This is a new item and is to provide for the administrative and executive work of the office, including all experimental, investigational, and demonstrational projects, and the enforcement of the United States cotton futures act. This estimate has been prepared in detail and all of the amount here requested will be needed.		
<i>In all, for general expenses</i> -----	\$376, 595.00	
Appropriations for 1914..... \$50,000 Estimates for 1915..... \$194, 140 Appropriations for 1915..... * 240,000 Estimates for 1916..... 376, 595		
* Includes investigation of rural cooperation, \$40,000.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Marketing and distributing farm products, 1916, \$301,465.	Marketing and distributing farm products, 1914, \$50,000.	
Salaries..... \$131,280.00	Salaries..... \$31,077.31	
As follows: In Washington— 1 specialist in community cotton handling and marketing, \$3,000. 1 specialist in city marketing, \$3,000. 1 specialist in grading, and standardization, \$3,000. 1 market specialist (live stock and meats), \$3,000. 1 specialist in cooperative organization, \$2,760. 1 specialist in market surveys, \$2,760. 1 specialist in marketing grain, \$2,760. 1 specialist in transportation of farm products, \$2,760. 1 specialist in cooperative organization, \$2,500. 1 specialist in cottonseed marketing and utilization, \$2,400. 1 specialist in marketing dairy products, \$2,400. 1 specialist in marketing wool, \$2,400. 1 specialist in business practice, \$2,400. 1 investigator in marketing grain, \$2,280. 1 investigator in marketing perishable products, \$2,280. 1 investigator in transportation, \$2,280. 1 investigator (live stock and meats), \$2,280. 1 assistant in cooperative organization, \$2,100. 1 market investigator, \$2,100. 1 scientific assistant, \$2,100. 1 investigator in marketing perishables, \$2,100. 1 assistant in storage investigations, \$2,100. 2 assistants in market surveys, at \$2,040 each. 1 assistant in marketing grain, \$2,000. 1 market architect, \$2,000. 1 assistant in cooperative organization accounting, \$2,000. 1 market assistant (live stock and meats), \$2,000. 1 assistant in cooperative organization, \$1,980. 1 assistant in cooperative organization, \$1,800. 1 cotton technologist, \$1,800. 6 assistants in cotton marketing, at \$1,800 each. 1 assistant in cottonseed marketing and utilization, \$1,800. 2 scientific assistants, at \$1,800 each. 1 market assistant, live stock and meats, \$1,800. 1 assistant in marketing grain, \$1,800. 1 assistant in city marketing, \$1,800.	As follows: In Washington— 1 chief of office, \$3,600. 1 market specialist (live stock and meats), \$3,000 (1½ months). 1 specialist in cooperative organization, \$2,760 (6 months). 1 specialist in cooperative organization, \$2,500 (1½ months). 1 specialist in cooperative marketing of dairy products, \$2,760 (3 months). 1 specialist in transportation of farm products, \$2,760 (7 months). 1 assistant in market surveys, \$2,400. 1 investigator in marketing perishable products, \$2,100 (7½ months). 1 investigator in the marketing of perishables, \$1,620 (3 months), and \$1,800 (8½ months). 2 assistants in cooperative organization accounting, at \$1,800 each (one 8½ months; one 6 months). 1 scientific assistant, \$1,800 (9½ months). 1 scientific assistant, \$1,440 (6½ months). 1 scientific assistant, \$1,400 (2½ months). 1 scientific assistant, \$1,200 (1 month). 2 assistants in cotton marketing, at \$1,800 each (one 6½ months; one 6½ months). 1 clerk, \$1,800. 1 clerk, \$1,440 (8½ months). 4 clerks, at \$1,400 each (one 10 months; one 9 months; one ½ month; one 5½ months). 3 clerks, at \$1,200 each (one 3½ months; one 3 months; one 1½ months). 2 clerks, at \$1,000 each (one 1½ months; one 5 months). 1 clerk (typewriter), \$1,000 (4 months). 1 clerk (typewriter), \$900 (2 months). 1 stenographer and typewriter, \$1,200 (2½ months). 1 stenographer and typewriter, \$1,000 (½ month). 1 stenographer and typewriter, \$75 per month (6 months). 1 officer in charge of supplies and accounts, \$1,600 (5½ months). 1 messenger boy, \$480 (3½ months). 1 messenger boy, \$360 (7 months). 1 skilled laborer, \$60 per month (1½ months).	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>General Expenses, Office of Markets and Rural Organization—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>		
<p>Marketing and distributing farm products, 1916, \$301,465.</p> <p>In Washington—Continued.</p> <p>1 assistant in commission-house accounting, \$1,800.</p> <p>1 assistant in transportation, \$1,800.</p> <p>1 market assistant, \$1,800.</p> <p>1 scientific assistant in farm economics, \$1,620.</p> <p>3 scientific assistants, at \$1,620 each.</p> <p>1 assistant in grading and standardization, \$1,620.</p> <p>1 assistant in cooperative elevator accounting, \$1,620.</p> <p>1 scientific assistant, \$1,500.</p> <p>1 market reporter, \$1,500.</p> <p>1 assistant in agricultural technology, \$1,440.</p> <p>2 scientific assistants, at \$1,440 each.</p> <p>1 scientific assistant in farm economics, \$1,440.</p> <p>1 assistant in market surveys, \$1,440.</p> <p>2 assistants in city marketing, at \$1,440 each.</p> <p>3 scientific assistants, at \$1,200 each.</p> <p>Out of Washington—</p> <p>1 special field agent, \$1,620.</p> <p>1 agent, \$3 per diem (180 days).</p> <p>40 cotton samplers, at \$3 per diem (500 days).</p> <p>Traveling expenses..... \$96,970.00</p> <p>Supplies and equipment..... 36,730.00</p> <p>Miscellaneous expenses..... 36,485.00</p> <p>Total estimate, 1916..... 301,465.00</p> <p>Total appropriation, 1915..... 200,000.00</p> <p>Increase..... 101,465.00</p>	<p>Marketing and distributing farm products, 1914, \$50,000.</p> <p>Out of Washington—</p> <p>1 special field agent, \$1,400 (5 months).</p> <p>1 agent, \$1,000 (5 months).</p> <p>1 market reporter, \$125 per month ($\frac{1}{2}$ month).</p> <p>1 collaborator, \$1.75 per day, when actually employed.</p> <p>1 collaborator, \$300 (5 months).</p> <p>5 collaborators, at \$1 per month each (total of 42 months).</p> <p>16 collaborators, at \$1 per annum each.</p> <p>Traveling expenses..... \$7,592.91</p> <p>Supplies and equipment..... 10,326.97</p> <p>Miscellaneous expenses..... 240.67</p> <p>Total expenditures, 1914..... 49,237.86</p>	
<p>Investigation of rural cooperation, 1916, \$51,880.</p> <p>Salaries..... \$23,220.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 specialist in rural organization work, \$3,500.</p> <p>1 investigator in rural organization work, \$2,700.</p> <p>1 assistant in rural organization work, \$2,400.</p> <p>2 assistants in rural organization work, at \$2,280 each.</p> <p>1 assistant in rural organization work, \$1,800.</p> <p>Out of Washington—</p> <p>1 adviser in agricultural economics, \$2,000.</p> <p>1 field assistant in rural organization work, \$2,000.</p> <p>1 field assistant in rural organization work, \$1,800.</p> <p>5 experiment station collaborators, at \$480 each.</p> <p>Traveling expenses..... 17,000.00</p> <p>Supplies and equipment..... 8,335.00</p> <p>Miscellaneous expenses..... 3,325.00</p> <p>Total estimate, 1916..... 51,880.00</p> <p>Total appropriation, 1915..... 40,000.00</p> <p>Increase..... 11,880.00</p>	<p>No appropriation for 1914.</p>	
<p>Administrative expenses, 1916, \$23,250.</p> <p>Salaries..... \$4,000.00</p> <p>As follows:</p> <p>In Washington—</p> <p>1 chief, office of markets and rural organization, \$4,000.</p> <p>Traveling expenses..... 1,750.00</p> <p>Supplies and equipment..... 12,500.00</p> <p>Miscellaneous expenses..... 5,000.00</p> <p>Total estimate, 1916..... 23,250.00</p> <p>Total appropriation, 1915.....</p>	<p>No appropriation for 1914.</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Enforcement of the United States Cotton Futures Act—</i>		
(15) <i>To enable the Secretary of Agriculture to carry into effect the provisions of the act approved August 18, 1914 (Public No. 174, 63d Cong.), entitled "An act to tax the privilege of dealing on exchanges, boards of trade, and similar places in contracts of sale of cotton for future delivery, and for other purposes," including all expenses necessary for the purchase of equipment and supplies; for travel; for the employment of persons in the city of Washington and elsewhere; for publishing the results of investigations made in pursuance of the act; and for all other expenses, including rent outside of the District of Columbia, that may be necessary in executing the provisions of this act</i> [\$150,000] (act Aug. 18, 1914, vol. 38, p. 693, secs. 1-21)	\$125,640.00	

Appropriations for 1915..... \$150,000 Estimates for 1916..... \$125,640

NOTE.—The amount appropriated for this work in a special act (Public No. 174, 63d Cong.) for the fiscal year 1915 is \$150,000. The amount estimated above for 1916 is \$125,640, but as \$4,360 has been transferred from this fund to the appropriation for "Rent in the District of Columbia," in order to centralize all items for rent in the District of Columbia in one appropriation, the actual amount of the estimate for 1916 is \$130,000, or a net decrease of \$20,000. The United States cotton futures act, approved August 18, 1914, provides that the Secretary of Agriculture shall take such action as he may deem necessary to determine and designate what are bona fide spot markets within the meaning and for the purposes of the act, to prescribe rules and regulations, to establish and promulgate standards for cotton, and to furnish practical forms thereof, etc. It provides further that questions as to quality, grade, or length of staple of cotton tendered under a contract of sale may be referred to the Secretary of Agriculture for determination. The passage of the act about a month and a half after the beginning of the fiscal year, with the further fact that the sum appropriated is to be available until expended, makes unnecessary as large an appropriation for the fiscal year 1916 as will no doubt be required for the year 1917. A balance will be carried over which it is believed will be sufficient, with the estimated sum above, to handle the work effectively. It should be noted that the copies of the United States Cotton Standards to be distributed under this act are to be paid for at approximately their cost, which, under the conditions that have prevailed with regard to the permissive standards hitherto issued by the department, has ranged between \$20 and \$30. Therefore a considerable portion of the money expended under the miscellaneous unclassified item will be covered into the Treasury as miscellaneous receipts as proceeds from such sales. It is expected that the conduct of this work, especially that part relative to the determination of disputes, will necessitate the employment of a number of high-class cotton experts to comprise a board of appeals.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Enforcement of the United States cotton futures act, 1916, \$125,640.	No appropriation for 1914.
Salaries..... \$63,680.00 As follows: In Washington— Board of Cotton Appeals— 1 cotton technologist, \$3,000. 1 specialist in cotton classing, \$3,000. 2 cotton technologists, at \$2,760 each. 2 specialists in cotton classing, at \$2,760 each. 1 cotton technologist, \$2,400. Office force— 1 expert in difference sheet preparation, \$2,400. 2 assistants in cotton business methods, at \$1,800 each. 2 assistants in cotton marketing, at \$1,800 each. 1 head clerk, \$1,800. 1 stenographer, \$1,600. 1 stenographer, \$1,400. 1 stenographer, \$1,200. 1 clerk, \$1,200. 1 clerk, \$1,000. 5 skilled laborers, at \$720 each. 2 messenger boys, at \$480 each.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.																								
<i>Enforcement of the United States Cotton Futures Act—Continued.</i>																										
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914—Continued.</i>																										
<table><tr><td>Enforcement of the United States cotton futures act, 1916, \$125,640.</td><td>No appropriation for 1914.</td></tr><tr><td colspan="2">Out of Washington—</td></tr><tr><td colspan="2">1 general inspector, \$2,400.</td></tr><tr><td colspan="2">1 assistant in cotton classing (spot market determination work), \$2,250.</td></tr><tr><td colspan="2">3 assistants in cotton classing, at \$2,000 each.</td></tr><tr><td colspan="2">3 assistants in cotton classing, at \$1,800 each.</td></tr><tr><td colspan="2">6 clerks, at \$1,000 each.</td></tr><tr><td>Traveling expenses.....</td><td>15,500.00</td></tr><tr><td>Supplies and equipment.....</td><td>8,000.00</td></tr><tr><td>Miscellaneous expenses.....</td><td>38,460.00</td></tr><tr><td>Total estimate, 1916.....</td><td>125,640.00</td></tr><tr><td>Total appropriation, 1915.....</td><td></td></tr></table>	Enforcement of the United States cotton futures act, 1916, \$125,640.	No appropriation for 1914.	Out of Washington—		1 general inspector, \$2,400.		1 assistant in cotton classing (spot market determination work), \$2,250.		3 assistants in cotton classing, at \$2,000 each.		3 assistants in cotton classing, at \$1,800 each.		6 clerks, at \$1,000 each.		Traveling expenses.....	15,500.00	Supplies and equipment.....	8,000.00	Miscellaneous expenses.....	38,460.00	Total estimate, 1916.....	125,640.00	Total appropriation, 1915.....			
Enforcement of the United States cotton futures act, 1916, \$125,640.	No appropriation for 1914.																									
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Supplies and equipment.....	8,000.00																									
Miscellaneous expenses.....	38,460.00																									
Total estimate, 1916.....	125,640.00																									
Total appropriation, 1915.....																										
Total for Office of Markets and Rural Organization (increase of \$553,355)	\$553,355																									
(1) And not to exceed 10 per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than 10 per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.																										
Total, Department of Agriculture, for routine and ordinary work	19,945,733	\$19,098,832																								
MISCELLANEOUS.																										
<i>Enforcement of the Insecticide Act—</i>																										
(1) To enable the Secretary of Agriculture to carry into effect the provisions of the act of April 26, 1910, entitled "An act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals, and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named [\$95,000] (acts Apr. 26, 1910, vol. 36, pp. 331-335, secs. 1-14; June 30, 1914, vol. 38, p. 440, sec. 1)	107,780	95,000																								
<table><tr><td>Appropriations for 1911.....</td><td>¹ \$35,000</td><td>Estimates for 1912.....</td><td>\$87,000</td></tr><tr><td>Appropriations for 1912.....</td><td>87,000</td><td>Estimates for 1913.....</td><td>100,000</td></tr><tr><td>Appropriations for 1913.....</td><td>87,000</td><td>Estimates for 1914.....</td><td>100,000</td></tr><tr><td>Appropriations for 1914.....</td><td>95,000</td><td>Estimates for 1915.....</td><td>95,000</td></tr><tr><td>Appropriations for 1915.....</td><td>95,000</td><td>Estimates for 1916.....</td><td>107,780</td></tr></table>	Appropriations for 1911.....	¹ \$35,000	Estimates for 1912.....	\$87,000	Appropriations for 1912.....	87,000	Estimates for 1913.....	100,000	Appropriations for 1913.....	87,000	Estimates for 1914.....	100,000	Appropriations for 1914.....	95,000	Estimates for 1915.....	95,000	Appropriations for 1915.....	95,000	Estimates for 1916.....	107,780						
Appropriations for 1911.....	¹ \$35,000	Estimates for 1912.....	\$87,000																							
Appropriations for 1912.....	87,000	Estimates for 1913.....	100,000																							
Appropriations for 1913.....	87,000	Estimates for 1914.....	100,000																							
Appropriations for 1914.....	95,000	Estimates for 1915.....	95,000																							
Appropriations for 1915.....	95,000	Estimates for 1916.....	107,780																							
¹ Deficiency act of Mar. 4, 1911.																										
NOTE.—There is an increase in the above appropriation of \$12,780. The enforcement of the insecticide act is a continuing work, and the fact that there was no increase in the appropriation for the fiscal year 1915 has materially altered the program of work outlined for that year and retarded the carrying out of essential work needed for an efficient enforcement of the act and to meet the increased duties imposed on the department in the nature of calls for information by manufacturers and dealers, and further anticipating the trial of cases in court, to extend the analytical and testing work so as to be prepared to maintain the position of the department in the event of a contest. Moreover, there has been a material increase in the number and quantity of insecticides and																										

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
Enforcement of the Insecticide Act—Continued.		
fungicides on the market. Many new varieties are being made both by old manufacturers and by new manufacturers who have entered the field. The proposed increase is to be expended in the employment of one additional inspector and sample collector to more thoroughly cover the United States, two additional chemists, one entomologist, one assistant in spraying experiments, two clerks, one laboratory helper, and incidental expenses.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Enforcement of the insecticide act, 1916, \$107,780.	Enforcement of the insecticide act, 1914, \$95,000.	
Salaries..... \$72,690.00	Salaries..... \$59,637.10	
As follows:	As follows:	
In Washington—	In Washington—	
1 chairman insecticide and fungicide board, \$3,800 (6 months). 1 chief of laboratory, \$2,760. 1 executive officer, \$2,750. 1 plant pathologist, \$2,640. 1 chief clerk, \$2,000. 3 assistant chemists, at \$1,800 each. 2 laboratory inspectors, at \$1,800 each. 2 assistant chemists, at \$1,620 each. 1 financial clerk, \$1,600. 4 assistant chemists, at \$1,560 each. 5 assistant chemists, at \$1,440 each. 1 scientific assistant, \$1,440. 1 junior laboratory inspector, \$1,400. 1 junior bacteriologist, \$1,400. 1 property clerk, \$1,400. 1 stenographer and typewriter, \$1,200. 2 stenographers and typewriters, at \$1,140 each. 3 stenographers and typewriters, at \$1,000 each. 1 laboratory helper, \$840. 1 assistant in spraying experiments, \$780. 1 laboratory helper, \$720. 2 laboratory helpers, at \$600 each. 1 unskilled laborer, \$50 per month. 1 charwoman, \$480. 2 messenger boys, at \$480 each. 1 messenger boy, \$30 per month. 1 collaborating clerk, \$25 per month.	1 chairman insecticide and fungicide board, \$3,800 (6 months). 1 chief of laboratory, \$2,760. 1 executive officer, \$2,750. 1 plant pathologist, \$2,520. 1 chief clerk, \$2,000. 1 assistant chemist, \$1,800. 2 assistant chemists, at \$1,620 each (9½ months), and at \$1,500 each (2½ months). 2 laboratory inspectors, at \$1,620 each. 1 assistant chemist, \$1,620. 1 assistant chemist, \$1,440 (9½ months), and \$1,620 (2½ months). 1 financial clerk, \$1,600 (6 months). 6 assistant chemists, at \$1,440 each. 1 scientific assistant, \$1,440. 1 micro-analyst, \$1,440. 1 junior bacteriologist, \$1,400. 1 junior laboratory inspector, \$1,400. 1 stenographer and typewriter, \$1,200 (6 months). 1 clerk, \$1,140 (6 months) and \$1,200 (5 months). 1 stenographer and typewriter, \$1,000 (6 months) and \$1,140 (6 months). 2 stenographers and typewriters, at \$1,000 each. 1 stenographer and typewriter, \$1,000 (1 month). 1 electric wireman, \$900 (1 month). 1 stenographer and typewriter, \$900 (3½ months). 1 laboratory helper, \$720. 1 laboratory helper, \$600 (3½ months) and \$720 (8½ months). 1 laboratory helper, \$600 (5 months). 1 unskilled laborer, \$50 per month (9 months). 1 charwoman, \$240 (2 months) and \$480 (10 months). 2 messenger boys, at \$480 each. 1 messenger boy, \$480 (6 months). 1 messenger boy, \$30 per month. 1 special assistant in toxicological investigations, \$50 per month (6 months). 1 collaborating clerk, \$25 per month (11½ months).	
Out of Washington—	Out of Washington—	
1 entomological assistant, \$2,280. 1 entomological assistant, \$1,200. 1 scientific assistant, \$1,740. 3 inspectors and sample collectors, at \$1,600 each. 1 inspector and sample collector, \$1,400. 1 scientific assistant, \$1,200. 1 scientific assistant, \$1,000. 1 stenographer and typewriter, \$900. 1 laborer, \$40 per month.	1 entomological assistant, \$2,280 (9 months). 1 scientific assistant, \$1,400 (1 month) and \$1,620 (11 months). 1 entomological assistant, \$1,600 (7½ months). 1 inspector and sample collector, \$1,600. 1 inspector and sample collector, \$1,400 (6 months) and \$1,600 (6 months). 1 sample collector, \$1,400. 1 scientific assistant, \$1,200 (4½ months). 1 scientific assistant, \$1,000 (8½ months). 1 stenographer and typewriter, \$900 (6½ months). 1 stenographer and typewriter, \$900 (6 months). 1 field assistant, \$50 per month (3½ months). 1 laborer, \$40 per month.	
Traveling expenses..... ¹ 15,520.00	Traveling expenses..... 11,470.38	
Supplies and equipment..... 10,180.00	Supplies and equipment..... 12,695.95	
Miscellaneous expenses..... ¹ 9,390.00	Miscellaneous expenses..... 3,405.40	
Total estimate, 1916..... 107,780.00	Total expenditures, 1914..... 87,208.83	
Total appropriation, 1915..... 95,000.00		
Increase..... 12,780.00		

¹ Includes \$11,000 reserved for the trial of cases in court.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
Fighting and Preventing Forest Fires in Emergency—			
(2) For fighting and preventing forest fires in cases of extraordinary emergency, [\$100,000] \$200,000, or so much thereof as may be necessary (<i>act June 30, 1914, vol. 38, p. 440, sec. 1</i>) -----		\$200,000.00	\$100,000.00
Appropriations for 1912.....	\$1,000,000	Estimates for 1913.....	\$1,000,000
Appropriations for 1913.....	200,000	Estimates for 1914.....	200,000
Appropriations for 1914.....	200,000	Estimates for 1915.....	200,000
Appropriations for 1915.....	100,000	Estimates for 1916.....	200,000
NOTE.—This is an increase of \$100,000 over the amount appropriated for this purpose for the fiscal year 1915, and makes the appropriation the same as it was for the fiscal year 1914. It is believed that this amount will be sufficient under average normal conditions, although the expenditures made for fighting forest fires during the present season already exceed the existing appropriation by approximately \$400,000.			
Statement submitted in conformity with the requirements of sec. 19 of the sundry civil act approved Aug. 1, 1914.			
Fighting and preventing forest fires in emergency, 1916, \$200,000.		Fighting and preventing forest fires in emergency, 1914, \$200,000.	
This fund being for use only in case of emergency, no estimate of expenditures is practicable. If used, the principal expenditures will be for temporary labor at from 25 cents to 35 cents per hour, the time employed varying from a few hours to several days.		Salaries..... \$226.94 As follows: Out of Washington— 2 forest guards, at \$960 each (2 month). 1 forest guard, at \$900 (1 month). 6 forest guards, at 35 cents per hour (29 hours).	
Supplies and equipment.....		Supplies and equipment..... 350.01	
Miscellaneous expenses.....		Miscellaneous expenses..... 3,589.82	
Total estimate, 1916..... \$200,000.00		Total expenditures, 1914..... 4,166.77	
Total appropriation, 1915..... 100,000.00			
Increase..... 100,000.00			
NOTE.—The 1915 appropriation was completely exhausted on account of unusual fires during the first three months of the fiscal year 1915 and it was necessary to draw upon other Forest Service funds to meet the necessities of fire fighting until such time as an additional appropriation could be secured. The amount so drawn is in excess of the increase asked for 1916.			
Enforcement of the Plant Quarantine Act—			
(3) To enable the Secretary of Agriculture to carry into effect the provisions of the act of Aug. 20, 1912, as amended Mar. 4, 1913, entitled "An act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," in the city of Washington and elsewhere, including official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, <i>including rent outside of the District of Columbia (act June 30, 1914, vol. 38, p. 440, sec. 1)</i> -----		50,000.00	50,000.00
Appropriations for 1914.....	\$40,000	Estimates for 1914.....	\$50,000
Appropriations for 1915.....	50,000	Estimates for 1915.....	50,000
		Estimates for 1916.....	50,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
Enforcement of the Plant Quarantine Act—Continued.			
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>			
Enforcement of the plant quarantine act, 1916, \$50,000.	Enforcement of the plant quarantine act, 1914, \$40,000.		
Salaries..... \$25,115.00	Salaries..... \$22,218.57		
As follows:	As follows:		
In Washington—	In Washington—		
1 pathological inspector, \$2,400.	1 pathological inspector, \$2,760.		
1 chief inspector, \$2,400.	1 pathological inspector, \$2,400 (3 months)		
1 entomological inspector, \$1,800.	1 assistant pathologist, \$2,000 (4 months).		
1 secretary of board, \$2,250.	1 secretary of board, \$2,000.		
1 permit clerk, \$1,440.	1 assistant mycologist, \$1,800 (4 months).		
1 auditor and accountant, \$1,400.	1 scientific assistant, \$1,500 (6 months).		
2 clerks, at \$1,400 each.	1 plant pathologist in potato investigations, \$1,440 (5 months).		
1 record clerk, \$1,260.	1 clerk, \$1,400.		
1 assistant permit clerk, \$1,260.	1 permit clerk, \$1,200.		
1 stenographer and typewriter, \$1,200.	1 photographer, \$1,200 (4½ months).		
1 clerk in charge of inspectors' reports, \$1,080.	1 scientific assistant, \$1,200 (2 months).		
1 stenographer and typewriter, \$900 (6 months).	1 stenographer and typewriter, \$1,200 (1 month).		
1 messenger boy, \$480.	1 clerk and typewriter, \$1,020.		
	1 stenographer and typewriter, \$1,020.		
	1 stenographer and typewriter, \$1,000 (4 months).		
	1 stenographer and typewriter, \$900.		
	1 stenographer and typewriter, \$900 (6 months).		
	1 typewriter, \$840 (1½ months).		
	1 messenger boy, \$480 (4 months).		
	1 messenger boy, \$360 (8 months).		
Out of Washington—	Out of Washington—		
1 field inspector for scale insects of date palm, \$1,200.	1 superintendent of the Maine potato inspection service, \$2,760 (1 month).		
3 collaborators, at \$300 each.	1 inspector, \$1,200 (2½ months).		
1 collaborator, \$240.	3 collaborators, at \$300 each.		
1 collaborator, \$180.	2 collaborators, at \$240 each.		
4 collaborators, at \$120 each.	1 collaborator, \$180.		
27 collaborators, at \$60 each.	4 collaborators, at \$120 each.		
19 collaborators, at \$12 each.	32 collaborators, at \$60 each.		
17 collaborators, at \$1 each.	27 collaborators, at \$12 each.		
	21 collaborators, at \$1 each.		
	1 pathological inspector, \$3 per day when actually employed.		
Traveling expenses..... 13,930.00	Traveling expenses..... 7,098.46		
Supplies and equipment..... 7,665.00	Supplies and equipment..... 3,383.58		
Miscellaneous expenses..... 3,290.00	Miscellaneous expenses..... 1,559.40		
Total estimate, 1916..... 50,000.00	Total expenditures, 1914..... 34,260.01		
Total appropriation, 1915..... 50,000.00			

Domestic Potato Quarantine—

- (4) To enable the Secretary of Agriculture to cooperate with those States in the inspection of Irish potatoes where a quarantine has been or hereafter shall be established by the Secretary of Agriculture, prohibiting the movement of such potatoes from any State into any other State, District, or Territory of the United States except under such rules and regulations as he may prescribe, and for the enforcement of such rules and regulations, and for the employment of persons and means necessary in the city of Washington and elsewhere, *including rent outside of the District of Columbia* [there is hereby appropriated the sum of \$50,000] (act June 30, 1914, vol. 38, pp. 440, 441, sec. 1)

\$100,000.00 \$50,000.00

Appropriations for 1915..... \$50,000 Estimates for 1916..... \$100,000

NOTE.—There is an increase in the above item of \$50,000. A new and very destructive potato disease has invaded a large section of the potato-growing districts in Maine and New York, and sporadic points of infection have been determined in a few other States. To protect the potato crop of the United States, which approximates a value of about \$228,000,000 annually, Federal quarantines have been declared covering the districts in Maine and two counties in New York affected by this disease. These quarantines necessitate the inspection and certification of all potatoes which move from the infected areas in Maine and New York and of seed potatoes from the noninfected area in Maine. The seriousness of the situation is largely enhanced by the fact that Maine potatoes and potatoes from the infected area in New York are used as seed stock throughout a considerable portion of the United States. The Federal inspection and certification of some 30,000,000 bushels of potatoes grown in the State of Maine and of some 3,000,000 bushels grown in the infected area in the State of New York costs approximately \$150,000. This inspection protects the potato crop of the entire United States, and it is therefore unfair that the infected States should be called upon to pay the cost of

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1915.

Domestic Potato Quarantine—Continued.

State of Maine, which at that time was the only State known to be infected with the disease. One hundred thousand dollars was the estimated cost of this inspection, and of this sum \$50,000 was appropriated by Congress. Very recently this disease has been found widespread in two important potato-producing counties in northern New York, and these counties have now been placed under quarantine, adding very considerably to the potato-producing area which must be thoroughly inspected and the product certified. The \$50,000 appropriation last year by Congress will meet only a fraction, possibly one-half, of the cost of the work in Maine alone, and in the case of this State it has therefore been necessary to secure an additional fund above the Federal appropriation by a tax on potato growers and shippers, collected through State agencies. The control of the outbreak in New York must also now for the balance of this fiscal year be met by a similar tax on the potato crop of the district under quarantine, collected, as in the case of Maine, by State agencies. The collection of this tax is difficult and the divided responsibility very much lessens the effectiveness of Federal control. An appropriation now of at least \$100,000 for this work is therefore justified. This will still make it necessary for the States concerned to raise an equivalent sum to meet the entire cost of Federal inspection.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Domestic potato quarantine, 1916, \$100,000.	No appropriation in 1914.
Salaries..... \$79,500	
As follows:	
Out of Washington—	
1 superintendent of the Maine potato inspection service, \$2,760.	
1 fiscal clerk, \$1,440.	
2 supervising inspectors, at \$1,200 each.	
4 traveling inspectors, at \$1,020 each.	
75 local inspectors, at \$900 each.	
1 stenographer and typewriter, \$720.	
2 messengers, at \$300 each.	
Traveling expenses..... 15,000	
Supplies and equipment..... 4,500	
Miscellaneous expenses..... 1,000	
Total estimate, 1916..... 100,000	
Total appropriation, 1915..... 50,000	
Increase..... 50,000	

【Office of Markets】

【To enable the Secretary of Agriculture to acquire and to diffuse among the people of the United States useful information on subjects connected with the marketing and distribution of farm products, and for the employment of persons and means necessary in the city of Washington and elsewhere, there is hereby appropriated the sum of \$200,000】

\$200,000.00

NOTE.—This provision has been transferred to another part of the Agricultural bill, following the Office of Public Roads and Rural Engineering.

Demonstrations on Reclamation Projects—

- (5) To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary in the city of Washington and elsewhere **【\$40,000】** (act June 30, 1914, vol. 38, p. 440, sec. 1).....

\$50,000.00

40,000.00

Appropriations for 1915..... \$40,000 Estimates for 1916..... \$50,000

NOTE.—There is an increase in the above item of \$10,000. This amount is urgently needed to effectively handle this work on the Government reclamation projects. It has been found that the present appropriation of \$40,000, including the necessary administrative and supervisory expenses, will permit work to be undertaken on but 9 or 10 of the 16 reclamation projects where such work is essential to the prompt and effective development of farming.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Demonstrations on Reclamation Projects—Continued.</i>		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Demonstrations on reclamation projects, 1916, \$50,000.	No appropriation for 1914.	
Salaries..... \$32,600 As follows: In Washington— 1 agriculturist in charge, \$3,500. 1 agriculturist, \$2,500. 1 agriculturist, \$2,220. 1 assistant agriculturist, \$1,500. Out of Washington— 10 agriculturists at average salary of \$2,280 each. Traveling expenses..... 8,200 Supplies and equipment..... 5,500 Miscellaneous expenses..... 3,700 Total estimate, 1916..... 50,000 Total appropriation, 1915..... 40,000 Increase..... 10,000		
[To enable the Secretary of Agriculture to cooperate with and make an exhibit at the next annual meeting of the International Dry Farming Congress, to be held at Wichita, Kans., during the fiscal year ending June 30, 1915, illustrative of the investigations, products, and processes relating to farming in the subhumid region of the United States, including labor and all expenses in the city of Washington and elsewhere] (<i>act June 30, 1914, vol. 38, p. 440, sec. 1</i>).....	\$20,000.00	
NOTE.—The above item should be omitted as the exhibit will be completed during the present fiscal year.		
<i>Cooperative Fire Protection of Forested Watersheds of Navigable Streams—</i>		
(6) For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams under the provisions of section 2 of the act of Mar. 1, 1911, entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers" (<i>act June 30, 1914, vol. 38, p. 441, sec. 1</i>).....	\$100,000.00	100,000.00
Appropriations for 1915. \$100,000. Estimates for 1916. \$100,000.		
<i>Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.</i>		
Cooperative fire protection of forested watersheds of navigable streams, 1916, \$100,000.	Cooperative fire protection of forested watersheds of navigable streams, 1914, \$75,000, and \$55,813.99, balance carried forward from 1913 appropriation; total, \$130,813.99.	
Salaries..... \$98,500.00 As follows: Out of Washington— 1 forest assistant (inspector), \$5 per diem (60 days). 21 collaborators, at \$12 each. 22 guards, at \$900 and \$1,100 each (1 to 3 months). 400 (approximately) patrolmen and watchmen, at \$1.50 to \$3 per diem for irregular periods (30 to 150 days) during the fire season in the various States cooperating with the Forest Service in fire-protective work. Traveling expenses..... 1,500.00 Total estimate, 1916..... 100,000.00 Total appropriation, 1915..... 151,104.91 Decrease (being the balance brought forward from 1914 appropriation)..... 51,104.91	Salaries..... \$78,703.98 As follows: Out of Washington— 1 forest assistant (inspector), \$5 per diem (57 days). 1 forest guard, \$1,100 (3 months). 21 forest guards, at \$900 each (1 month). 12 collaborators, at \$12 each. 10 collaborators, at \$12 each (31 months). 360 (approximately) guards, watchmen, and patrolmen, at \$1.50 to \$3 per diem for irregular periods during the fire season in the 18 States cooperating with the Forest Service in fire-protective work, as follows: Connecticut, Idaho, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Montana, New Hampshire, New Jersey, New York, Oregon, South Dakota, Vermont, Washington, West Virginia, and Wisconsin. Traveling expenses..... 1,005.10 Total expenditures, 1914..... 79,709.08	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<p>That section 13 of the act entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," approved Mar. 1, 1911 (36 Stat. L., p. 963), is hereby amended by striking out the word "five" in the first line of said section and inserting in lieu thereof the word "twenty-five."]</p> <p>NOTE.—The above paragraph should be omitted, as it is continuing legislation.</p> <p><i>Experiments and Demonstrations in Live-Stock Production in the Cane-Sugar and Cotton Districts of the United States—</i></p> <p>(7) To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States, including the erection of barns and other necessary buildings and the employment of persons and means in the city of Washington and elsewhere [: Provided, That no part of this appropriation shall be used in the purchase of animals for breeding purposes] (act June 30, 1914, vol. 38, p. 441, sec. 1) -----</p>	\$60,000.00	\$60,000.00

Appropriations for 1915..\$60,000 Estimates for 1916..\$60,000

NOTE.—There is no change in the amount of this appropriation, but new language has been added to permit the erection of barns and other necessary buildings and the employment of persons and means in the city of Washington and elsewhere. Such structures and employment of assistance in Washington are absolutely necessary to efficiently conduct the work.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Experiments and demonstrations in live-stock production in the cane-sugar and cotton districts of the United States, 1916, \$60,000.	No appropriation in 1914.
<p>Salaries..... \$13,500.00</p> <p>As follows :</p> <p>Out of Washington—</p> <p>1 live-stock specialist, \$3,000.</p> <p>2 live-stock specialists, at \$2,500 each.</p> <p>2 live-stock specialists, at \$2,000 each.</p> <p>1 agent in dairying, \$1,500.</p> <p>Traveling expenses..... 3,500.00</p> <p>Supplies and equipment..... 39,000.00</p> <p>Miscellaneous expenses..... 4,000.00</p> <p>Total estimate, 1916..... 60,000.00</p> <p>Total appropriation, 1915..... 60,000.00</p>	
<p>NOTE.—At this time it is not definitely known just what amount of construction work will be done. It is likely at least one building, costing about \$2,500, will be necessary, and there may be required one or more additional buildings.</p>	

101

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<i>Experiments in dairying and live-stock production in semiarid and irrigated districts of the western United States—</i>		
(8) <i>To enable the Secretary of Agriculture to conduct investigations and experiments in problems connected with the establishment of dairying and meat production enterprises on the semiarid and irrigated lands of the western United States, including the purchase of live stock, the erection of barns and other necessary buildings, and the employment of necessary persons and means in the city of Washington and elsewhere</i> -----	\$87, 500.00	-----

Appropriations for 1915..... \$----- Estimates for 1916..... \$87,500

NOTE.—This is a new item and carries an increase of \$87,500. The field stations of the department in the semiarid and irrigated districts of the United States have in the past been devoted almost entirely to the production of crops. Methods have been established on these stations that make it possible now to produce forage crops in these districts with a considerable degree of success, but such crops are not marketable for the reason that in most cases there are no near-by cities and there is no demand for them in the immediate neighborhood in which they are produced. The profitable utilization of these crops on the farm, therefore, is essential to successful farming in these regions. For the purpose of establishing proper methods of feeding, along with the natural grazing that is afforded, it is the desire of the department to place live stock at several of the field stations in the semiarid and irrigated districts of the United States and thereby make the production of field crops profitable and at the same time increase the production of live stock. If this work is provided for attention will be given both to dairying and meat production, and this will make these field stations serve as guides to the farmers in these regions, not only in crop production, but also in the profitable utilization of these crops for the production of live stock.

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Experiments in dairying and live-stock production in semiarid and irrigated districts of the western United States, \$87,500.	No appropriation for 1914.
Salaries..... \$14,140.00 As follows: In Washington— 1 animal husbandman in charge, \$2,500. Out of Washington— 4 dairy superintendents, at \$1,500 each. 1 assistant for hog work, \$1,800. 8 laborers, at \$180 each. Traveling expenses..... 1,675.00 Supplies and equipment..... 37,585.00 Miscellaneous expenses..... 2,000.00 Construction work..... 32,100.00 As follows: 4 superintendents' cottages, at \$2,500 each. 4 dairy barns, at \$4,000 each. 4 concrete silos, at \$400 each. 4 milk houses, at \$300 each. Hog houses, \$3,000. Sheep houses, \$300. Total estimate, 1916..... 87,500.00 Total appropriation, 1915.....	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<p>(9) <i>Hereafter the Secretary of Agriculture is authorized to sell in the open market or to exchange for other live stock such animals or animal products as cease to be needed in the work of the department, and all moneys received from the sale of such animals or animal products or as a bonus in the exchange of the same shall be deposited in the Treasury of the United States as miscellaneous receipts.</i></p> <p>NOTE.—The above provision to allow the sale and exchange of live stock and live-stock products without the usual condemnation proceedings and public auction is urgently recommended. In experiments involving the fitting of live stock for market it is essential that the animals be marketed promptly and under the same conditions which are met by farmers. The formalities incident to condemnation proceedings and public auction in accordance with law render such marketing impossible.</p> <p>【That hereafter the maximum salary of any scientific investigator, or other employee engaged in scientific work and paid from the general appropriations of the Department of Agriculture, shall not exceed at the rate of \$4,500 per annum.】</p> <p>NOTE.—The above provision should be omitted as it is continuing legislation.</p> <p>【The Secretary of Agriculture is hereby authorized and directed to prepare a plan for reorganizing, redirecting, and systematizing the work of the Department of Agriculture as the interests of economical and efficient administration may require; such plan shall be submitted to Congress in the Book of Estimates for the fiscal year 1916; and the estimates of expenses of the Department of Agriculture for the fiscal year 1916 shall be prepared and submitted in accordance therewith.】</p> <p>NOTE.—The above provision should be omitted. All changes believed to be necessary in the organization of the department are submitted in these estimates for the consideration of Congress.</p> <p>【Hereafter employees of the Department of Agriculture assigned to permanent duty in Alaska, Hawaii, Porto Rico, and Guam may, in the discretion of the Secretary of Agriculture, without additional expense to the Government, be granted leave of absence not to exceed 30 days in any one year, which leave may, in exceptional and meritorious cases where an employee is ill, be extended, in the discretion of the Secretary of Agriculture, not to exceed 30 days additional in any one year.】</p> <p>NOTE.—The above provision should be omitted as it is continuing legislation.</p> <p>【The Secretary of Agriculture may hereafter exchange general scientific apparatus and laboratory equipment purchased from any appropriation of the Department of Agriculture.】</p> <p>NOTE.—The above provision should be omitted as it is continuing legislation.</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.

Total amount to be appropriated under each head of appropriation.

Amount appropriated for the fiscal year ending June 30, 1915.

【To enable the Secretary of Agriculture to make studies of co-operation among farmers in the United States in matters of rural credits and of other forms of cooperation in rural communities; to diffuse among the people of the United States useful information growing out of these studies, in order to provide a basis for broader utilization of results secured by the research, experimental, and demonstration work of the Department of Agriculture, agricultural colleges, and State experiment stations; and to employ such persons and means in the city of Washington and elsewhere as the Secretary may consider necessary, \$40,000】-----

\$40, 000. 00

NOTE.—This provision has been included as an item under general expenses, in the Office of Markets and Rural Organization, and transferred to another part of the agricultural bill, following the Office of Public Roads and Rural Engineering.

(10) *Naval Stores Investigations—*

For investigating the grading, weighing, and handling of naval stores, and preparation of definite type samples thereof (*act June 30, 1914, vol. 38, p. 442, sec. 1*)-----

\$5, 000. 00

5, 000. 00

Appropriations for 1915..... \$5, 000 Estimates for 1916..... \$5, 000

Statement submitted in conformity with the requirements of sec. 10 of the sundry civil act approved Aug. 1, 1914.

Naval stores investigations, 1916, \$5,000.	No appropriation for 1914.
Salaries..... \$3,000.00	
As follows:	
In Washington—	
1 chemist, \$1,800.	
1 assistant, \$1,200.	
Traveling expenses..... 1,000.00	
Supplies and equipment..... 800.00	
Miscellaneous expenses..... 200.00	
Total estimate, 1916..... 5,000.00	
Total appropriation, 1915..... 5,000.00	

【To enable the Secretary of Agriculture to print and publish certain maps, heretofore prepared and now in the possession of the Department of Agriculture, and the reports accompanying the same, relating to the location, extent, and other features of kelp beds on the Pacific coast】-----

7, 000. 00

NOTE.—The above provision should be omitted as the work will be done during the current fiscal year.

- (11) That the lump-sum appropriations now available or herein made for the 【work of the】 Department of Agriculture shall be available for the purchase, *maintenance, repair, and operation* of 【motor vehicles】 *motor-propelled and horse-drawn passenger-carrying vehicles* and motor boats necessary in the conduct of the 【field】 work of the Department of Agriculture: *Provided*, That the amount to be expended under the provisions of this paragraph for such 【motor】 vehicles and 【motor】 boats shall not exceed the sum of 【\$10,000】 *\$96,261*, and that said vehicles and boats shall be used only for official service: *Provided further*, That the Secretary of Agriculture shall, on the first day of each regular session of Congress, make a report to Congress showing the amount expended under the provisions of this paragraph 【for the purchase of such vehicles and boats】 during the preceding fiscal year.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles for the Department of Agriculture for the fiscal year ending June 30, 1916, as required by section 5 of the act of July 16, 1914 (Public, No. 127, 63d Cong.).

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation or project.	For purchase.			For maintenance, repair, and operation.			Public purpose for which intended.	Officials and employees by whom used.
			Num-ber.	Kind.	Amount.	Num-ber.	Kind.	Amount.		
Office of the Secretary.	Horse-drawn....	Miscellaneous expenses, Department of Agriculture.				4 1	Carriage..... Station wagon..	\$500	Personal transportation on official business.	Secretary and Acting Secretary of Agriculture.
Weather Bureau...	Motor-propelled.	Station expenses.....				1	Automobile....	700	For transportation of bureau officials and employees engaged in making aerological investigations from station to aerological fields and in recovering kites and balloons.	Professors of meteorology, observers, assistant observers, and laborers in Nebraska.
Do.....	do.....	do.....				1	Motor cycle....	50	For transportation of bureau officials and employees in repairing United States telegraph line.	Official in charge and repairmen at Cape Henry, Va.
Do.....	do.....	do.....	1	Automobile....	\$500	1	Automobile....	250	For transportation of Government supplies and kite material used in upper air work.	Meteorologist and assistants in charge of aerial investigations near Omaha, Nebr.
Do.....	Horse-drawn....	Central office expenses.	1	Coupe.....	675	1	Coupe.....	100	For transportation of Chief and Acting Chief of Weather Bureau from Weather Bureau to department and elsewhere.	Chief and Acting Chief Washington, D. C.
Do.....	do.....	do.....				1	Surrey.....	25	do.....	Do.
Bureau of Animal Industry.	Motor-propelled.	Hog cholera investigations and demonstrations.	10	Automobile....	6,000	10	Automobile....	5,400	For transportation of bureau veterinarians from farm to farm investigating and demonstrating methods for the control and eradication of hog cholera.	Veterinary inspectors in various States not yet assigned.
Do.....	do.....	do.....				20	do.....	15,600	do.....	Veterinary inspectors at Ames, Adel, and Spencer, Iowa; Bainbridge, Ga.; Crawfordsville, Ind.; Danville, Ind.; Coldwater, Mich.; Columbia, Tenn.; Henderson, Ky.; Kankakee, Ill.; Lima, Ohio; Marysville, Kans.; Twin Falls, Idaho; Beatrice, Nebr.; (2 machines) Mitchell, S. Dak.; Olivia, Minn.; (2 machines) Sedalia, Mo., and Muskogee, Okla.
Do.....	do.....	Eradication of cattle ticks.	1	Automobile....	625	1	do.....	575	To supervise dipping cattle at about 25 vats located in Jefferson County, Ala.	Veterinary inspectors not yet assigned.
Do.....	do.....	do.....				1	do.....	750	To inspect cattle along the Virginia shore between quarantined and free areas not reached by railroads.	Veterinarian detailed to do this work.
Do.....	do.....	Inspection at ports of entry of animals imported along the Canadian border.				1	do.....	750	To inspect animals imported along the Canadian border.	Dr. J. H. Lowe, Pem-hina, N. Dak., or other bureau veterinary inspectors.
Do.....	do.....	Ostrich investigations.				1	Motor cycle....	300	To visit ostrich farms in Arizona. Travel can not be advantageously performed by any other means except automobile, and that is more expensive.	Animal husbandman, in charge of ostrich feeding and breeding experiments at Phoenix, Ariz.
Do.....	do.....	Army horse breeding..	1	Automobile....	600	1	Automobile....	500	For use in visiting different horse-breeding stations which can not be reached by railroad and also to tattoo mares bred to United States Department of Agriculture stallions in order to identify colts.	H. H. Reese, animal husbandman in charge of work, Front Royal, Va.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles for the Department of Agriculture for the fiscal year ending June 30, 1916, as required by section 5 of the act of July 16, 1914 (Public No. 127, 63d Cong.)—Continued.

Bureau, division, or office.	Horse-drawn or motor-propelled	Appropriation or project.	For purchase.			For maintenance, repair, and operation.			Public purpose for which intended.	Officials and employees by whom used.
			Number.	Kind.	Amount.	Number.	Kind.	Amount.		
Bureau of Animal Industry—Con.	Motor-propelled.	Scientific investigations of animal diseases.	1	Automobile....	\$600	1	Automobile....	\$200	To convey employees between laboratories of bureau in Washington and experiment station at Bethesda, Md., and to carry specimens and small animals between the laboratories in Washington and the station.	Superintendent and assistant superintendent of experiment station and veterinarians and bacteriologists of laboratories, Bethesda, Md.
Do.....	Horse-drawn....	Dairy investigations..	1	Buggy.....	150	1	Buggy.....	35	For use of superintendent in inspecting Government experimental farm; to travel between Beltsville and farm for supplies and as a means of transportation to various farms for the inspection and purchase of forage.	Superintendent of experiment farm, Beltsville, Md.
Do.....	.....do.....	Investigations in animal feeding and breeding.				1	.....do.....	25	Used as a means of transportation between Government farm (Morgan horse farm) and Middlebury, Vt., to obtain supplies, meet trains and carry mail.	Superintendent of Government farm and farm employees, Middlebury, Vt.
Do.....	.....do.....	.....do.....				1	Two-seatsleigh.	15	.....do.....	Do.
Do.....	.....do.....	.....do.....				1	Single sleigh....	10	.....do.....	Do.
Do.....	.....do.....	.....do.....				1	Surrey.....	20	.....do.....	Do.
Do.....	.....do.....	.....do.....				2	Buggy.....	30	Used as a means of transportation between Government experimental farm and Beltsville, Md., to meet trains, obtain supplies, and carry mail.	Superintendent of Government farm and farm employees, Beltsville, Md.
Do.....	.....do.....	.....do.....				1	Two-seatbrako.	15	.....do.....	Do.
Do.....	.....do.....	.....do.....				1	Omnibus.....	40	.....do.....	Do.
Do.....	.....do.....	Scientific investigations of animal diseases.				2	Buggy.....	50	For use in inspecting experimental work; obtaining small supplies, and as a means of transportation between District line and Government farm.	Superintendent and assistant superintendent of experiment station and veterinarians and bacteriologists of laboratories, Bethesda, Md.
Do.....	.....do.....	Army horse breeding..				1	Buggy.....	20	For use in visiting different horse-breeding stations which can not be reached by railroad and also to tattoo mares bred to United States Department of Agriculture stallions, in order to identify colts.	H. H. Reese, animal husbandman in charge, Front Royal, Va.
Do.....	.....do.....	.....do.....				1	.....do.....	15	.....do.....	R. G. Lawton, animal husbandman in charge, Lexington, Ky.
Bureau of Plant Industry.	Motor-propelled.	Forest pathology.....				2	Motor cycle....	125	Scout work in investigations of diseases of forest trees.	Assistants in the Office of Forest Pathology.
Do.....	.....do.....	Utilization of cacti and dry-land plants				1	.....do.....	100	Traveling between points in California looking up experimental work being conducted there.	Dr. David Griffiths.
Do.....	.....do.....	Making and utilization of hay in relation to farm management.				1	.....do.....	300	Traveling throughout country in hay-growing regions to secure data for use in connection with this project.	H. B. McClure.
Do.....	.....do.....	Biophysical investigations.	2	Motor cycle....	500	2	.....do.....	150	Travel in connection with experiments at Arlington Farm.	A. B. Campbell and R. H. Heald.
Do.....	.....do.....	Western irrigation agriculture.				1	Automobile....	600	Travel in connection with experiments at Sacaton, Ariz.	Superintendent and assistants at farm.
Do.....	.....do.....	Crop physiology and breeding investigations.				1	.....do.....	300	Travel in connection with experiments at Indio, Cal.	Do.
Do.....	Horse-drawn....	Arlington Farm.....	1	Runabout.....	75	1	Runabout.....	5	Traveling over Arlington Farm in connection with various lines of work being conducted there.	E. C. Butterfield and assistants.
Do.....	.....do.....	.....do.....				2	.....do.....	30	.....do.....	Do
Do.....	.....do.....	.....do.....				1	Top buggy.....	15	.....do.....	

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles for the Department of Agriculture for the fiscal year ending June 30, 1916, as required by section 5 of the act of July 16, 1914 (Public No. 127, 63d Cong.)—Continued.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation or project.	For purchase			For maintenance, repair, and operation.			Public purpose for which intended.	Officials and employees by whom used.
			Number.	Kind.	Amount.	Number.	Kind.	Amount.		
Bureau of Plant Industry—Con.	Horse-drawn....	Foreign seed and plant introduction.				1	One-horse buggy.	\$25	Traveling over Chico field station in connection with experimental work on place and for the use of interested parties visiting the station.	Superintendent in charge of station and experimenters visiting station.
Do.....	do.....	Foreign seed and plant introduction.				1	2-seated surrey.	25	Traveling over Yarow field station in connection with experimental work and for the use of interested parties visiting the station.	Superintendent in charge of station and experimenters visiting the station
Do.....	do.....	Horticultural investigations.				1	Buggy.....	25	Traveling over Jerome (Idaho) station.	Superintendent in charge of station.
Do.....	do.....	Dry-land agriculture investigations.				1	do.....	15	Traveling over Akron (Colo.) field station.	Do.
Do.....	do.....	do.....				1	do.....	15	Traveling over Mandan (N. Dak.) field station.	Do.
Do.....	do.....	do.....				1	do.....	15	Traveling over Scottsbluff (Nehr.) field station.	Do.
Do.....	do.....	Cereal investigations.				1	do.....	50	Travel in connection with rice experiments on Crowley (La.) rice experiment station.	Do.
Do.....	Motor-propelled.	Demonstrations on reclamation projects.	8	Automobile....	\$4,080	8	Automobile....	3,200	For transportation of bureau agriculturists from farm to farm conducting demonstration work with farmers.	Agriculturists in demonstration projects: Charles S. Jones, Mitchell, Nehr.; Lewis E. Cline, Fallon, Nev.; E. F. Rinehart, Rupert, Idaho, and 7 others not yet assigned at Powell, Wyo., Huntley, Mont., Yakima, Wash., Klamath, Oreg., Newell, S. Dak., Phoenix, Ariz., and Savage, Mont.
Do.....	do.....	do.....				2	do.....	800	do.....	Do.
Forest Service:										
District 1.....	do.....	Blackfeet ¹				1	Railroad speeder.	40	Fire patrol.....	Rangers and patrolmen.
Do.....	do.....	Cabinet ¹				1	do.....	40	do.....	Do.
Do.....	do.....	Coeur d'Alene ¹				2	do.....	80	do.....	Do.
Do.....	do.....	Deerlodge ¹				1	do.....	40	do.....	Do.
Do.....	do.....	Flathead ¹				3	do.....	120	do.....	Do.
Do.....	do.....	Jefferson ¹				2	do.....	80	do.....	Do.
Do.....	do.....	Kootenai ¹				2	do.....	80	do.....	Do.
Do.....	do.....	Lewis and Clark ¹				1	do.....	40	do.....	Do.
Do.....	do.....	Lolo ¹				1	do.....	40	do.....	Do.
Do.....	do.....	Pend Oreille ¹				1	do.....	40	do.....	Do.
Do.....	do.....	Cabinet ¹				1	Motor cycle....	60	do.....	Do.
Do.....	do.....	Deerlodge ¹				1	do.....	60	do.....	Do.
Do.....	do.....	Pend Oreille ¹				1	do.....	60	do.....	Do.
Do.....	do.....	Coeur d'Alene.....				2	Evenrude.....	50	Fire patrol and administrative travel.	Do.
Do.....	do.....	Pend Oreille ¹				1	do.....	25	do.....	Do.
Do.....	do.....	Kaniksu ¹				1	Launch.....	80	Fire protection and moving supplies and men along lake shore.	Forest officers.
Do.....	do.....	Kootenai ¹	1	Motor cycle....	300	1	Motor cycle....	180	Fire patrol.....	Rangers and patrolmen.
Do.....	do.....	Missoula ¹	1	do.....	300	1	do.....	180	do.....	Do.
Do.....	do.....	Pend Oreille ¹	1	do.....	300	1	do.....	180	do.....	Do.
Do.....	do.....	Deerlodge ¹	2	Railroad speeder.	280	2	Railroad speeder.	80	do.....	Do.
District 2.....	do.....	Black Hills ¹				1	Motor cycle....	40	Fire protection.....	Supervisor and rangers.
Do.....	do.....	Harney ¹				1	do.....	40	do.....	Do.
Do.....	do.....	Bridger ¹				1	Launch.....	52	Fire and game protection; improvement and timber sales.	Do.
Do.....	do.....	Superior ¹				1	do.....	30	Fire protection.....	Do.
Do.....	do.....	Minnesota ¹				2	do.....	155	Fire protection, improvement, and silviculture.	Do.
Do.....	do.....	Harney and Black Hills. ¹	1	Automobile....	540	1	Automobile....	275	Transporting fire fighters, entry surveyors, and supplies.	Surveyors, rangers, fire fighters, and forest officers.

¹ National forest.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles for the Department of Agriculture for the fiscal year ending June 30, 1916, as required by section 5 of the act of July 16, 1914 (Public No. 127, 63d Cong.)—Continued.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation or project.	For purchase.			For maintenance, repair, and operation.			Public purpose for which intended.	Officials and employees by whom used.
			Num-ber.	Kind.	Amount.	Num-ber.	Kind.	Amount.		
Forest Service—Continued.										
District 3.....	Motor-propelled.	Gila ¹				1	Motor cycle....	\$70	Administration and fire patrol.	Rangers.
Do.....	do.....	Tonto ¹				1	Launch.....	175	Administration.....	Supervisor and forest officers.
Do.....	do.....	Coconino ¹	1	Automobile....	\$1,500	1	Automobile....	600	Fire protection; moving men and supplies; general administration.	Do.
Do.....	do.....	Crook ¹	1	Motor cycle....	325	1	Motor cycle....	100	Administration; timber sales; fire patrol.	Rangers.
District 4.....	do.....	Boise ¹	1	Automobile....	1,095	1	Automobile....	200	Fire protection and administration.	Supervisor and forest officers.
Do.....	do.....	Nevada ¹				1	Motor cycle....	90	General administration and fire patrol.	Supervisor and deputy supervisor.
Do.....	do.....	Toiyabe ¹				1	do.....	90	do.....	Do.
Do.....	do.....	Targhee ¹				1	Railroad speed-er.	100	Fire patrol.....	Supervisor, deputy supervisor, and rangers.
District 5.....	do.....	Tahoe ¹				1	Launch.....	192	Fire patrol on Lake Tahoe.	Forest guard assigned to this station during fire season.
Do.....	do.....	Land classification and entry survey work.				1	Automobile....	425	Official travel incident to supervision of land classification and entry work.	Forest examiner.
Do.....	do.....	Sierra ¹				1	Automobile (railroad with flanged wheels).	100	Fire patrol.....	Forest guard assigned to this route during the fire season.
Do.....	do.....	Sequoia ¹				1	Motor cycle....	172	do.....	Forest guard.
Do.....	do.....	Tahoe ¹	1	Automobile truck.	2,200	1	Automobile truck.	500	Fire protection; for carrying fire fighters and supplies.	Supervisor and forest officers.
Do.....	do.....	Shasta ¹	1	Railroad speed-er.	205	1	Railroad speed-er.	100	Fire patrol and transportation of ranger in section where any other means are thoroughly impossible.	Ranger.
District 6.....	do.....	Cascade ¹				2	do.....	82	Fire patrol; carrying supplies to the fire fighters.	Forest guard and forest officers.
Do.....	do.....	Chelan ¹				1	Launch.....	185	Fire protection and administration.	Supervisors and rangers.
Do.....	do.....	Cascade ¹				1	Motor cycle....	33	Fire patrol and supervision.	Forest officers.
Do.....	do.....	Chugach ¹				1	Launch.....	1,000	Administration.....	Deputy supervisor and rangers.
Do.....	do.....	Crater ¹				1	do.....	140	Fire protection and administration.	Rangers and forest officers.
Do.....	do.....	Colville ¹				1	Railroad speed-er.	45	Fire patrol and carrying supplies to the fire fighters.	Forest officers.
Do.....	do.....	Fremont ¹				1	Motor cycle....	50	Fire patrol and supervision.	Do.
Do.....	do.....	Minam ¹				1	do.....	60	do.....	Do.
Do.....	do.....	Olympic ¹				1	Railroad speed-er.	60	Fire patrol.....	Forest guard.
Do.....	do.....	do.....				1	Launch.....	210	Fire patrol and carrying supplies.	Ranger and forest guard.
Do.....	do.....	Siuslaw ¹				3	Motor boat.....	265	Administration.....	Rangers.
Do.....	do.....	Snoqualmie ¹				2	Railroad speed-er.	200	Fire patrol and administration.	Forest officers.
Do.....	do.....	Tongass ¹				1	Launch.....	2,000	Administration.....	Supervisor and rangers.
Do.....	do.....	do.....				1	Evenrude tender.	780	do.....	Do.
Do.....	do.....	do.....				3	Launches.....	900	do.....	Do.
Do.....	do.....	do.....				1	Launch.....	400	Timber reconnaissance.	Ranger.
Do.....	do.....	do.....				1	do.....	100	Carrying supplies to trail crews.	Do.
Do.....	do.....	Wenatchee ¹				1	do.....	65	Fire protection and administration.	Rangers.
Do.....	do.....	do.....				1	Evenrude.....	25	do.....	Do.
District 7.....	do.....	Florida ¹				1	Launch.....	200	General administration and fire patrol.	Supervisor, deputy supervisor and forest officers.
Do.....	do.....	White Mountain area.				1	Railroad speed-er.	100	Fire patrol.....	Forest guard.
Do.....	do.....	do.....				1	Motor cycle....	100	Fire patrol and general administration.	Forest officer.
Do.....	do.....	do.....	1	Automobile truck.	1,200	1	Automobile....	500	Fire patrol and transporting survey parties.	Forest officers.
Do.....	do.....	Massanutten and Potomac areas.	1	Motor cycle....	300	1	Motor cycle....	150	General administration and fire patrol.	Do.

¹ National forest.

1. The first part of the document is a list of names and addresses of the members of the committee.

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12. The twelfth part of the document is a list of names and addresses of the members of the committee.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles for the Department of Agriculture for the fiscal year ending June 30, 1916, as required by section 5 of the act of July 16, 1914 (Public No. 127, 63d Cong.)—Continued.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation or project.	For purchase.			For maintenance, repair, and operation.			Public purpose for which intended.	Officials and employees by whom used.
			Number.	Kind.	Amount.	Number.	Kind.	Amount.		
Bureau of Chemistry.	Motor propelled.	Citrus by-products investigations.				2	Automobile....	\$1,000	For transportation of scientists from farm to farm to investigate the sweating of citrus fruits, in connection with the enforcement of the food and drugs act.	E. M. Chase, chemist in charge; C. P. Wilson, assistant chemist, C. G. Church, assistant chemist, and any others not yet assigned whom it may be necessary to transport from point to point when railroad transportation is not available and practicable.
Bureau of Entomology.	.....do.....	Cereal and forage insects.	4	Automobile....	\$2,200	5	Automobile....	2,100	Used for carrying on investigations, transporting supplies and men, and collecting data in large territories.	Used by entomological and scientific assistants at Wellington, Kans.; Tempe, Ariz.; Brownsville, Tex.; Charleston, Mo.; and Elk Point, S. D.
Do.....	.....do.....	.....do.....	3	Motor cycle....	675	9	Motor cycle....	1,080	Used for purposes of carrying on investigations collecting data, and transporting laboratory supplies.	Used by entomological and scientific assistants at Tempe, Ariz.; Koehler, N. Mex. (2); Wellington, Kans.; Nashville, Tenn., and Pasadena, Cal.
Do.....	.....do.....	Deciduous fruit insects.	1	Automobile....	550	2	Automobile....	840	Used in making investigations in large territories and transporting Government property used in cranberry insect investigations over territory of sandy soil.	Entomological or scientific assistants in Pemberton, N. J., and Monticello, Fla.
Do.....	.....do.....	.....do.....	1	Motor cycle....	225	7	Motor cycle....	840	Used in making investigations and collecting data throughout large territories and transporting laboratory supplies.	Entomological and scientific assistants at Walnut Creek, Cal.; Roswell, N. Mex.; Winchester, Va.; Benton Harbor, Mich.; Winthrop, Me.; North East, Pa.; and probably Wenatchee, Wash.
Do.....	.....do.....	Southern field crop insects.	1	Automobile....	550				Used for visiting experiment operations on numerous plantations in this area, thereby more than doubling the efficiency of same efforts under present facilities.	Entomological assistant at Tullalaha, La.
Do.....	.....do.....	.....do.....				2	Automobile....	840	Used for transporting supplies and men prosecuting the eradication of spotted fever tick and field experiments and control of tobacco insects, which are conducted in sparsely settled territory.	Entomological assistants at Florence, Mont., and Clarksville, Tenn.
Do.....	.....do.....	.....do.....				2	Motor cycle....	240	Used in making field observations, collecting data and transporting laboratory supplies.	Entomological assistants located at New Orleans, La., and Dallas, Tex.
Do.....	.....do.....	Forest insects.....	3	Motor cycle....	675	3	.....do.....	360	Covering large areas for collection of data, and transportation of laboratory supplies.	Scientific assistants at Missoula, Mont.; Colorado Springs, Colo.; and Placerville, Cal.
Do.....	.....do.....	Truck crop and stored products.	1	Automobile....	550	1	Automobile....	420	Used in covering large areas in sandy and rough country where motorcycle is ineffective.	Entomological assistant at Brownsville, Tex.
Do.....	.....do.....	.....do.....	1	Motor cycle....	225	6	Motor cycle....	720	For making frequent trips over large territory for the purpose of collecting data and making demonstrations.	Entomological assistants at Whittier, Cal.; Riverhead, N. Y.; Garden City, Kans.; Bladensburg, Md.; Rocky Ford, Colo., and Oxnard, Cal.
Do.....	.....do.....	Miscellaneous insects..	1	Automobile....	550	1	Automobile....	420	Visiting points in the vicinity of Dallas and western Texas, a large territory with few railroad facilities, and transporting men and laboratory supplies.	Entomological assistants located at Dallas, Tex.

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles for the Department of Agriculture for the fiscal year ending June 30, 1916, as required by section 5 of the act of July 16, 1914 (Public No. 127, 63d Cong.)—Continued.

Bureau, division, or office.	Horse-drawn or motor-propelled.	Appropriation or project.	For purchase.			For maintenance, repair, and operation.			Public purpose for which intended.	Officials and employees by whom used.
			Number.	Kind.	Amount.	Number.	Kind.	Amount.		
Bureau of Entomology—Con.	Motor-propelled.	Preventing spread of moths.	4	Automobile....	\$2,200	9	Automobile....	\$3,780	For use of agents superintending moth work in New England States.	Superintendents directing work throughout New England States, at Boston, Mass.
Do.....	do.....	do.....				25	Motor cycle....	3,000	For use of foremen of scouts engaged in the prosecution of moth work in New England States.	Foremen overseeing work in New England States.
Do.....	do.....	Tropical and subtropical fruit insects.				2	do.....	240	For making frequent trips into large territory for the collection of data and specimens, and transporting laboratory supplies.	Entomological assistants at Lindsay and Whittier, Cal.
Bureau of Biological Survey.	do.....	Maintenance of mammal and bird reservations.				1	do.....	300	Patrolling Malheur Lake bird reservation, Oregon.	Warden in charge of Malheur Lake bird reservation.
Do.....	do.....	do.....				1	Motor boat....	250	Patrolling Klamath Lake bird reservation, Oregon.	Warden in charge of Klamath Lake bird reservation.
States Relations Service.	do.....	Alaska Stations: Kodiak.				1	Gasoline launch	750	Conveying freight, supplies, etc., between Kalsin Bay and Kodiak, 12 miles.	Superintendent and assistants.
Do.....	do.....	Rampart.....				1	do.....	150	Crossing river to town for freight, mail, etc.	Do.
Do.....	do.....	Porto Rico Station.....				1	Automobile....	450	Transporting station specialists to cooperative work over the island.	Special agent and assistants.
Do.....	Horse-drawn.	Alaska Stations: Sitka.				1	Light wagon...	75	Hauling materials, marketing produce, etc.	Do.
Do.....	do.....	Fairbanks.....				1	do.....	50	Trips between station and town, mail, etc.	Superintendent and assistants.
Do.....	do.....	do.....				2	Farm wagon....	100	Farm work about station.	Do.
Do.....	do.....	Rampart.....				2	do.....	100	do.....	Do.
Do.....	do.....	Kodiak.....				2	do.....	100	do.....	Do.
Do.....	do.....	Hawaii Station.....				2	Buggy.....	75	Going for mail and express. Inspection of cooperative work, experimental plots, extension work, collecting samples, etc.	Special agent and assistants.
Do.....	do.....	do.....				1	Light wagon...	50	Light freight, marketing produce, etc.	Do.
Do.....	do.....	Porto Rico Station.....				1	Buggy.....	50	Mail and messenger service, visiting plots, collecting samples, cooperative work, etc.	Do.
Do.....	do.....	do.....				1	Light wagon...	50	Hauling supplies, marketing produce, etc.	Do.
Do.....	do.....	Guam Station.....				1	Buggy.....	50	Mail, express, visiting plots, cooperative work, etc.	Do.
Do.....	do.....	do.....				1	Light wagon...	50	Hauling freight, supplies, etc.	Do.
Office of Public Roads and Rural Engineering.	Motor-propelled.	Road building and maintenance investigations.				5	Automobile....	2,500	For transportation of highway engineers of the office and their assistants in cases where the work under the supervision of one man is so extensive as not to enable him to cover it by any other means.	Highway engineers in various States not yet assigned.

SUMMARY.

Bureau, division, or office.	Motor-propelled vehicles.			Horse-drawn vehicles.			Bureau, division, or office totals.
	For purchase.	For maintenance, repair, and operation.	Total.	For purchase.	For maintenance, repair, and operation.	Total.	
Office of Secretary.....							\$500
Weather Bureau.....	\$500	\$1,000	\$1,500	\$675	125	800	2,300
Bureau of Animal Industry.....	7,825	24,075	31,900	150	275	425	32,325
Bureau of Plant Industry.....	4,580	5,575	10,155	75	275	295	10,450
Forest Service.....	8,545	12,711	21,256				21,256
Bureau of Chemistry.....	1,000	1,000					1,000
Bureau of Entomology.....	8,400	14,880	23,280				23,280
Bureau of Biological Survey.....		550	550				550
States Relations Service.....		1,350	1,350		750	750	2,100
Office of Public Roads and Rural Engineering.....		2,500	2,500				2,500
Total.....	29,850	63,641	93,491	900	1,870	2,770	96,261

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<p>(12) <i>Officers and employees of the Department of Agriculture traveling on official business, when authorized by the Secretary of Agriculture to receive per diem allowances in lieu of subsistence, in accordance with sec. 13 of the act of Aug. 1, 1914 (Public, No. 161, 63d Cong.), are to receive such allowances from each lump-sum appropriation provided for herein and made available for travel expenses, at rates of \$1, \$1.50, \$2, \$2.50, \$3, \$3.50, or \$4, varying with the character of work to be performed and the section of the country to be visited.</i></p> <p>NOTE.—The above provision is necessary, as section 13 of the act of August 1, 1914, requires that the estimates of appropriations shall specifically state the rates of per diem allowances in lieu of subsistence.</p>		
<p>(13) <i>Hereafter all moneys received from, or deducted in settlements with, carriers on account of the loss of, or damage to, any property of the Department of Agriculture, shall be credited to the appropriations or funds out of which the same was purchased.</i></p> <p>NOTE.—The above provision is desirable, as under present procedure in the Treasury Department, all moneys received from, or deducted in settlements with carriers on account of the loss of, or damage to, any property of the Department of Agriculture, must be deposited to "Miscellaneous receipts." This means a loss of the amount to the department, and reduces to that extent the appropriations made by Congress, especially the appropriation for Congressional seed, as most of the claims against the railroad companies are for damages to, or loss of seed, in transit to the department. The moneys received in such cases should be credited to the appropriation so that it may be used for further expenditures.</p>		
<p>(14) <i>The Secretary of Agriculture is hereby authorized, in his discretion, to enter into contracts for the lease for a period of not to exceed 10 years, of modern fireproof office and laboratory accommodations, for Government uses, at an annual rental not to exceed the annual rental which may be provided for by law and at a rate per square foot of available floor space not to exceed 40 cents per square foot.</i></p> <p>NOTE.—The provision above set forth is most urgently recommended because of the manifest advantages to the Government. Buildings can be secured at lower rates of rental on long leases. Better and larger buildings can be secured and better administration is thereby rendered possible through centralization of units into one structure. Tentative proposals for the erection of buildings can be much more easily brought to the stage of definite contracts when builders are assured of a lease for a period of years. As there is ample legislative precedent for the action desired, it is earnestly hoped and recommended that the provision be acted upon favorably. Attention is invited to the fact that by the legislative act of March 4, 1913, the Navy Department was given authority for the leasing of a rented building for a period not to exceed 10 years (see Digest of Appropriations, 1914, page 308). By the deficiency act of August 26, 1912, the Department of Commerce was authorized to enter into a contract for the leasing for a period not to exceed five years of a modern fire-proof office building (see Digest of Appropriations, 1913, page 513).</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.
<p>(15) <i>Whoever shall forcibly assault, resist, oppose, prevent, impede, or interfere with any officer or employee of the Department of Agriculture in the execution of his duties, or on account of the execution of his duties, pursuant to any law committed to the Secretary of Agriculture, or to the Department of Agriculture, or to any bureau, branch, or division of the Department of Agriculture, for administration or enforcement, shall be fined not more than \$1,000, or imprisoned not more than one year, or both; and whoever shall use any deadly or dangerous weapon in resisting any officer or employee of the Department of Agriculture in the execution of his duties, with intent to commit a bodily injury upon him or to deter or prevent him from discharging his duties, or on account of the performance of his duties, pursuant to any law committed to the Secretary of Agriculture, or to the Department of Agriculture, or to any bureau, branch, or division of the Department of Agriculture, for administration or enforcement, shall be fined not more than \$1,000, or imprisoned not more than five years, or both.</i></p> <p>NOTE.—The above provision is urgently recommended for the protection of all employees of the department engaged in inspection or regulatory work. A number of employees have been assaulted, and such a provision is highly essential for their protection.</p>		
Total salaries, Department of Agriculture	\$4, 887, 510	\$4, 724, 620
Total general expenses, Department of Agriculture	15, 818, 503	15, 141, 212
Grand total, Department of Agriculture	20, 706, 013	19, 865, 832
Total appropriations included in the Agricultural appropriation act:	Total amount submitted in printed estimates for inclusion in the Agricultural appropriation bill:	
For the fiscal year 1905..... \$5, 902, 040	For the fiscal year 1906..... \$6, 419, 810	
For the fiscal year 1906..... 6, 882, 690	For the fiscal year 1907..... 7, 626, 210	
For the fiscal year 1907..... 9, 932, 940	For the fiscal year 1908..... 7, 954, 680	
For the fiscal year 1908..... 9, 447, 290	For the fiscal year 1909..... 10, 666, 351	
For the fiscal year 1909..... 11, 672, 106	For the fiscal year 1910..... 14, 610, 626	
For the fiscal year 1910..... 12, 995, 036	For the fiscal year 1911..... 13, 377, 136	
For the fiscal year 1911..... 13, 487, 636	For the fiscal year 1912..... 15, 997, 066	
For the fiscal year 1912..... 16, 900, 016	For the fiscal year 1913..... 17, 233, 452	
For the fiscal year 1913..... 16, 651, 496	For the fiscal year 1914..... 18, 287, 230	
For the fiscal year 1914..... 17, 986, 945	For the fiscal year 1915..... 19, 061, 332	
For the fiscal year 1915..... 19, 865, 832	For the fiscal year 1916..... 20, 706, 013	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	Amount appropriated for the fiscal year ending June 30, 1914.
PERMANENT ANNUAL APPROPRIATIONS.			
(1) <i>Meat Inspection, Bureau of Animal Industry—</i>			
<p>That there is permanently appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$3,000,000, for the expenses of the inspection of cattle, sheep, swine, and goats, and the meat and meat-food products thereof which enter into interstate or foreign commerce, and for all expenses necessary to carry into effect the provisions of this act relating to meat inspection, including rent and the employment of labor in Washington and elsewhere, for each year. And the Secretary of Agriculture shall, in his annual estimates made to Congress, submit a statement in detail, showing the number of persons employed in such inspections and the salary or per diem paid to each, together with the contingent expenses of such inspectors and where they have been and are employed (<i>act June 30, 1906, vol. 34, pp. 674-679, secs. 1-22</i>).....</p>			
<p>NOTE.—The detailed statement required by law will be submitted to Congress in a separate communication.</p>	\$3,000,000.00	\$3,000,000.00	\$3,174,454.83
(2) <i>Refund to Depositors Excess of Deposits, National Forests Fund—</i>			
<p>That all money received after July 1, 1907, by or on account of the Forest Service for timber, or from any other source of forest-reservation revenue, shall be covered into the Treasury of the United States as a miscellaneous receipt; and there is hereby appropriated and made available as the Secretary of Agriculture may direct, out of any funds in the Treasury not otherwise appropriated, so much as may be necessary to make refunds to depositors of money heretofore or hereafter deposited by them to secure the purchase price on the sale of any products or for the use of any land or resources of the national forests in excess of amounts found actually due from them to the United States.</p>			
(3) That so much of an act entitled "An act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908," approved Mar. 4, 1907 (34 Stat. L., pp. 1256, 1270), which provides for refunds by the Secretary of Agriculture to depositors of moneys to secure the purchase price of timber or the use of lands or resources of the national forests such sums as may be found to be in excess of the amounts found actually due the United States, be, and is hereby, amended hereafter to appropriate and to include so much as may be necessary to refund or pay over to the rightful claimants such sums as may be found by the Secretary of Agriculture to have been erroneously collected for the use of any lands, or for timber or other resources sold from lands located within, but not a part of, the national forests, or for alleged illegal acts done upon such lands, which acts are subsequently found to have been proper and legal; and the Secretary of Agriculture shall make annual report to Congress of the amounts refunded hereunder (<i>acts Mar. 4, 1907, vol. 34, pp. 1256, 1270, sec. 1; Mar. 4, 1911, vol. 36, p. 1253, sec. 1</i>).....	50,000.00	50,000.00	38,388.75

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	Amount appropriated for the fiscal year ending June 30, 1914
(4) <i>Acquisition of Lands for Protection of Watersheds of Navigable Streams—</i>			
That there is hereby appropriated, for the fiscal year ending June 30, 1910, the sum of \$1,000,000, and for each fiscal year thereafter a sum not to exceed \$2,000,000, for use in the examination, survey, and acquirement of lands located on the headwaters of navigable streams or those which are being or which may be developed for navigable purposes: <i>Provided</i> , That the provisions of this section shall expire by limitation on the 30th day of June, 1915 (<i>act Mar. 1, 1911, vol. 36, p. 961, sec. 3</i>)		\$2,000,000.00	\$838, 861. 61
(5) <i>National Forest Reservation Commission—</i>			
That a sum sufficient to pay the necessary expenses of the commission and its members, not to exceed an annual expenditure of \$25,000, is hereby appropriated out of any money in the Treasury not otherwise appropriated. Said appropriation shall be immediately available and shall be paid out on the audit and order of the president of the said commission, which audit and order shall be conclusive and binding upon all departments as to the correctness of the accounts of said commission (<i>act Mar. 1, 1911, vol. 36, p. 963, sec. 14</i>)	\$25, 000. 00	25, 000. 00	1, 006. 12
(6) <i>Cooperative Agricultural Extension Work—</i>			
That for the purpose of paying the expenses of said cooperative agricultural extension work and the necessary printing and distributing of information in connection with the same, there is permanently appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$480,000 for each year, \$10,000 of which shall be paid annually, in the manner herein-after provided, to each State which shall by action of its legislature assent to the provisions of this act: <i>Provided</i> , That payment of such installments of the appropriation hereinbefore made as shall become due to any State before the adjournment of the regular session of the legislature meeting next after the passage of this act may, in the absence of prior legislative assent, be made upon the assent of the governor thereof, duly certified to the Secretary of the Treasury: <i>Provided further</i> , That there is also appropriated an additional sum of \$600,000 for the fiscal year following that in which the foregoing appropriation first becomes available, and for each year thereafter for seven years a sum exceeding by \$500,000 the sum appropriated for each preceding year, and for each year thereafter there is permanently appropriated for each year the sum of \$4,100,000 in addition to the sum of \$480,000 hereinbefore provided: <i>Provided further</i> , That before the funds herein appropriated shall become available to any college for any fiscal year plans for the work to be carried on under this act shall be submitted by the proper officials of each college and approved by the Secretary of Agriculture. Such additional sums shall be used only for the purposes hereinbefore stated, and shall be allotted annually to each State by the Secretary of Agriculture and paid in the manner hereinbefore provided, in the proportion which the rural population of each State bears to the total rural population of all the States as determined by the next preceding Federal census: <i>Provided further</i> , That no payment out of the additional appropriations herein provided shall be made in any year to any State until an equal sum has been appropriated for that year by the legislature of such State, or provided by State, county, college, local authority, or individual contributions from within the State, for the maintenance of the cooperative agricultural extension work provided for in this act (<i>act May 8, 1914, vol. 38, p. 272, sec. 2</i>)	1 080 000 00	480 000 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	Amount appropriated for the fiscal year ending June 30, 1914.
<i>Special Funds.</i>			
(7) <i>Payment to States and Territories from the National Forests Fund—</i>			
That hereafter 25 per cent of all money received from each forest reserve during any fiscal year, including the year ending June 30, 1908, shall be paid at the end thereof by the Secretary of the Treasury to the State or Territory in which said reserve is situated, to be expended as the State or Territorial legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which the forest reserve is situated: <i>Provided</i> , That when any forest reserve is in more than one State or Territory or county the distributive share to each from the proceeds of said reserve shall be proportional to its area therein (<i>acts Mar. 4, 1907, vol. 34, p. 1270, sec. 1; May 23, 1908, vol. 35, p. 260, sec. 1</i>) -----	\$600, 000. 00	\$598, 323. 78	\$586, 593. 39
(8) <i>Payment to States from Receipts from Lands Acquired for Protection of Watersheds of Navigable Streams—</i>			
That 5 per cent of all moneys received during any fiscal year from each national forest into which the lands acquired under this act may from time to time be divided shall be paid, at the end of such year, by the Secretary of the Treasury to the State in which such national forest is situated, to be expended as the State legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which such national forest is situated: <i>Provided</i> , That when any national forest is in more than one State or county the distributive share to each from the proceeds of such forest shall be proportional to its area therein: <i>Provided further</i> , That there shall not be paid to any State for any county an amount equal to more than 40 per cent of the total income of such county from all other sources (<i>act Mar. 1, 1911, vol. 36, p. 963, sec. 13</i>) -	5, 000. 00	948. 39	-----
(9) That sec. 13 of the act entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," approved Mar. 1, 1911 (36 Stat. L., 963), is hereby amended by striking out the word "five" in the first line of said section and inserting in lieu thereof the word "twenty-five" (<i>act June 30, 1914, vol. 38, p. 441, sec. 1</i>) -----			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	Amount appropriated for the fiscal year ending June 30, 1914.
(10) <i>Cooperative Work, Forest Service—</i> Hereafter all moneys received as contributions toward cooperative work in forest investigations shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said investigations by the Forest Service and for refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said investigations (<i>acts Mar. 3, 1905, vol. 33, p. 1070, sec. 1; June 30, 1906, vol. 34, p. 684 sec. 1</i>)			
(11) That hereafter all moneys received as contributions toward cooperative work in forest investigations, or the protection and improvement of the national forests, shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said investigations, protection, or improvements by the Forest Service, and for refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said investigations, protection, or improvements: <i>Provided</i> , That annual report shall be made to Congress of all such moneys so received as contributions for such cooperative work (<i>act June 30, 1914, vol. 38, p. 430, sec. 1</i>)	\$35,000.00	\$30,000.00	\$15,196.09
(12) <i>Payments to School Funds, Arizona and New Mexico, National Forests Fund—</i> At the close of each fiscal year there shall be paid by the Secretary of the Treasury to the State, as income for its common-school fund, such proportion of the gross proceeds of all the national forests within said State as the area of lands hereby granted to said State for school purposes which are situated within said forest reserves, whether surveyed or unsurveyed, and for which no indemnity has been selected, may bear to the total area of all the national forests within said States (<i>act June 20, 1910, vol. 36, p. 557, sec. 1</i>)	45,000.00	40,621.52	68,984.54
(13) <i>Roads and Trails for States, National Forests Fund—</i> That hereafter an additional 10 per cent of all moneys received from the national forests during each fiscal year shall be available at the end thereof, to be expended by the Secretary of Agriculture for the construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived; but the Secretary of Agriculture may, whenever practicable, in the construction and maintenance of such roads, secure the cooperation or aid of the proper State or Territorial authorities in the furtherance of any system of highways of which such roads may be made a part (<i>act Mar. 4, 1913, vol. 37, p. 843, sec. 1</i>)	242,400.00	239,708.86	227,477.27
(14) <i>Proceeds, Sale of Timber from Indian Lands, Uintah National Forest—</i> Indefinite appropriation of the proceeds from the sale of timber on Uintah National Forest; such sums as may be appropriated being available for transfer from this special fund to the Indian trust fund "Proceeds of Uintah and White River Ute lands," upon rendition from time to time of auditor's certificates of settlement calling for transfer (<i>act Mar. 3, 1905, vol. 33, p. 1070, sec. 1</i>).			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1916—Continued.

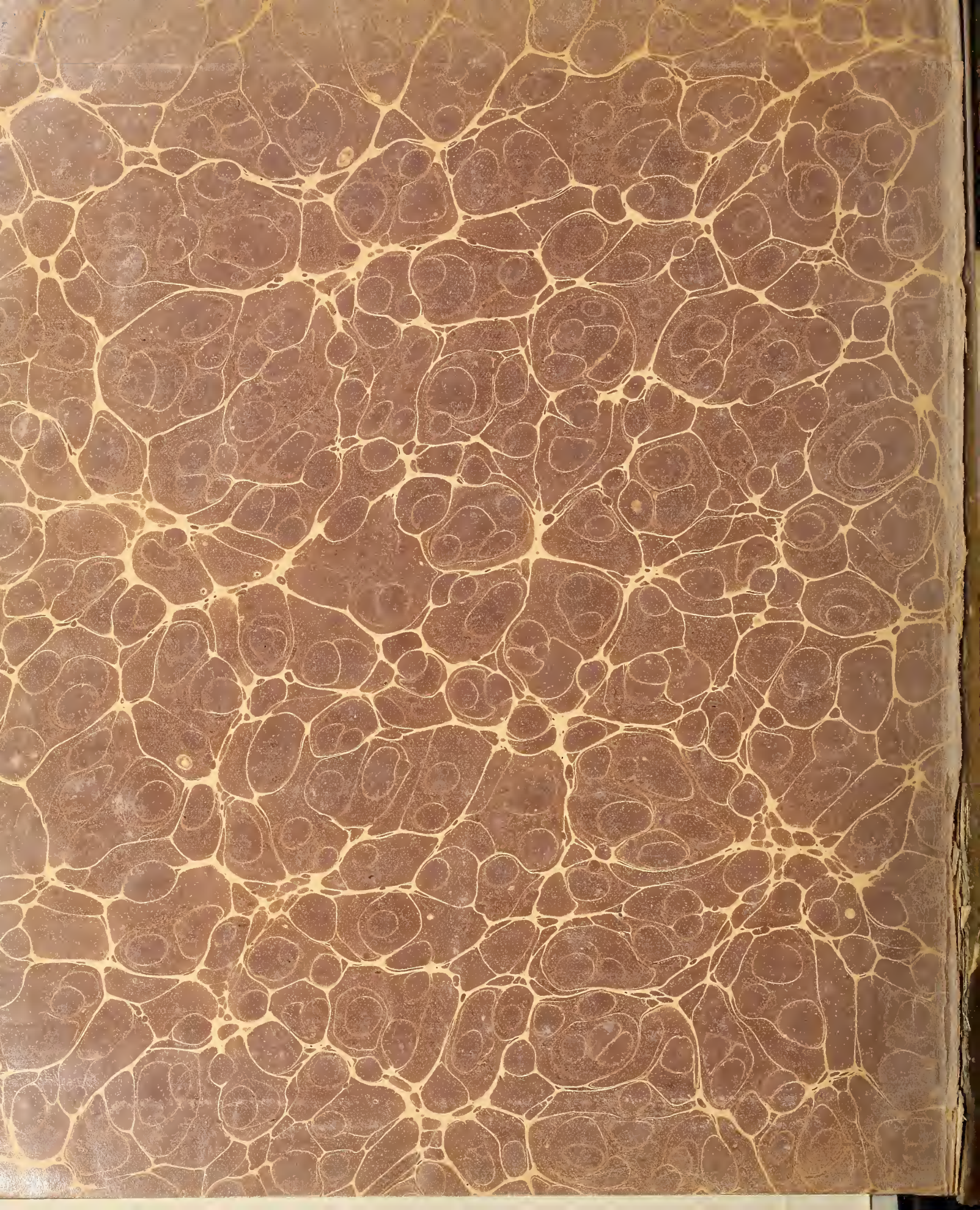
	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1915.	Amount appropriated for the fiscal year ending June 30, 1914.
(15) <i>Agricultural Experiment Stations, Receipts from Sales—</i>			
Receipts from sales of products, Alaska (<i>act June 3, 1902, vol. 32, p. 302, sec. 1</i>)	\$11, 000. 00	\$10, 000. 00	\$8, 715. 68
Receipts from sales of products, Hawaii (<i>same act</i>)			
Receipts from sales of products, Porto Rico (<i>same act</i>)			
Receipts from sales of products, Guam (<i>act May 23, 1908, vol. 35, p. 266, sec. 1</i>)			
Total Permanent and Indefinite under Department of Agriculture	5,094,400.00	6,474,602.55	4,979,678.28
PRINTING AND BINDING.			
[Carried in sundry civil act.]			
For the Department of Agriculture, including not to exceed \$47,000 for the Weather Bureau, and including the Annual Report of the Secretary of Agriculture, as required by the act approved January twelfth, eighteen hundred and ninety-five, and in pursuance of the joint resolution numbered thirteen, approved March thirtieth, nineteen hundred and six, and also including not to exceed \$137,500 for farmers' bulletins, which shall be adapted to the interests of the people of the different sections of the country, an equal proportion of four-fifths of which shall be delivered to or sent out under the addressed franks furnished by Senators, Representatives, and Delegates in Congress, as they shall direct	500, 000	500, 000	490, 000

Total appropriations for the Department of Agriculture, including permanent annual appropriations, and printing and binding under sundry civil act:

For the fiscal year—

1906	\$8, 837, 909. 96
1907	13, 079, 523. 98
1908	13, 037, 802. 62
1909	16, 153, 534. 74
1910	17, 115, 410. 35
1911	20, 888, 449. 28
1912	22, 402, 301. 11
1913	25, 177, 164. 68
1914	24, 449, 824. 37
1915	26, 840, 434. 55

Exams



1 U.
Ag 87Es

JAN 7 1915

1910

JUN 22 1917

JAN 9 - 1921

MAR 2 2 1924

